

FD&C water-soluble synthetic colors are dyes designed for food, pharmaceutical and personal care applications such as Soft Drinks and Beverages, Baked Goods, Sauces and Seasonings.

FD&C Lake Pigments, also known as Secondary Colors, are used when water-soluble dyes are not suitable. Lakes are not soluble in water and are ideally used in dry and oil.

Natural Colors are obtained from a variety of herbs, spices, vegetable and minerals and are used in the food, cosmetics and pharmaceutical industries.

FD&C COLORS

CI No.	Name	CAS No.
16035	Red 40	259656-17-6
45430	Red 3	16423-68-0
19140	Yellow 5	1934-21-0
15985	Yellow 6	2783-94-0
42090	Blue 1	2650-18-2
73015	Blue 2	860-22-0

FD&C Lakes

CI No.	Name	CAS No.
42053	Green 3	2353-45-9
16035:1	Red 40	68583-95-9
19140:1	Yellow 5	12225-21-7
15985:1	Yellow 6	15790-07-5
42090:2	Blue 1	68921-42-6
73015:1	Blue 2	16521-38-3

NATURAL COLORS

Name	Source
Annatto	Seed of Bixa Orellana
Anthocyanins	Red Cabbage, Strawberries
Beetroot Red	Beet Root
B - Carotenes	Beet Root
Caramel	Burnt Sugar
Chlorophyll	Grass & Alfalfa
Cochineal/Carmines	Dried Female Cochineal
Curcumin	Turmeric Plant
Lutein	Marigold Petals
Lycopene	Tomato, Watermelon
Paprika	Paprika Pod
Titanium Dioxide	Ilmenite, an iron ore
Riboflavin	Milk, Vegetables, Eggs, Liver

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D&C colors are colors specially for the Drug & Cosmetic industries. D&C Lakes are used when dyes are not used because of their water solubility issues.

Dispersions are a composition of a range of permitted colors & additives for the confectionery and pharmaceutical industries.

Acid dye is a member of a class of dye that is applied from an acidic solution. The acid used to transfer the dyes is often citric acid or acetic acid. Dying uses for acid dyes include cosmetics, soaps, foods, wool, nylon, silk, knitting wool, leather, hair, fur, metal, inks and other pigments.

FD&C COLORS

CI No.	Name	CAS No.
26100	Red 17	85-86-9
45380:2	Red 21	15086-94-9
45380	Red 22	17372-87-1
45410	Red 27	13473-26-2
45410:1	Red 28	18471-87-2
73360	Red 30	2379-74-0
17200	Red 33	3567-66-6
45350	Yellow 8	518-47-8
47005	Yellow 10	8004-92-0
47000	Yellow 11	8003-22-3
61570	Green 5	4403-90-1
61565	Green 6	120-80-3
59040	Green 8	63-58-69-6
155100	Orange 4	633-96-5
60725	Violet 2	81-48-1

D&C Lakes

CI No.	Name	CAS No.
15850:2	Red 6	17852-98-1
15850:1	Red 7	528104-9
45380:3	Red 21	15086-94-9
45410:2	Red 27	13473-26-2
73360	Red 30	1342-90-1
73360	Red 30	2379-74-0
17200	Red 33	3567-66-6
47005:1	Yellow 10	68814-04-0

External Colors

CI No.	Name
14700	FD & C Red 4
60730	D & C Violet 2 (ext)

Others

Acid Dyes

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