

Converting Colors

Hex(5DC800)

Have a look what the booklet for
Hex(5DC800) contains.

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Color

Hex(5DC800)

Conversions

Conversions Part 1

Format	Color
Hex	5DC800
RGB	93, 200, 0
RGB Percent	36%, 78%, 0%
CMY	0.6353, 0.2157, 1.0000
CMYK	0.53, 0.00, 1.00, 0.22
HSL	92°, 100%, 39%
HSV	92°, 100%, 78%
XYZ	25.1685, 43.6357, 7.0960
YIQ	145.2070, 0.4280, -84.8840

Conversions

Conversions Part 2

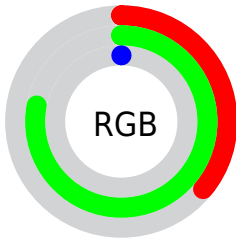
Format	Color
RYB	0, 200, 107
Decimal	6146048
CIELab	71.98, -58.17, 71.21
CIELCh	72, 91.948, 129.242
Yxy	43.6357, 0.3316, 0.5749
Android (android.graphics.Color)	4284336128 (0xFF5DC800)
YUV	145.2070, -71.5871, -45.7855
Hunter-Lab	66.0573, -47.5901, 39.8711

Details

The Hex color **5DC800** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **6B00C8**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **9AFF51**, and **0B9100** is the 20% darker color. If you saturate the color by 10%, you get **5DC800**, and if you desaturate by 10%, it is **68C814**.

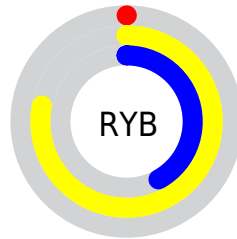
Distribution



Red (36%)

Green (78%)

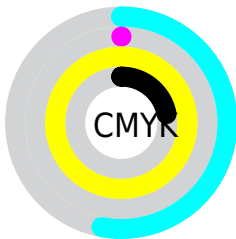
Blue (0%)



Red (0%)

Yellow (78%)

Blue (42%)

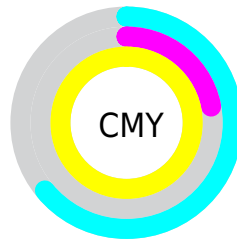


Cyan (53%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (64%)

Magenta (22%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DC800 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 5DC800 by changing the saturation by 10% instead.

 5DC800

 5DC800

FFFFFF

 3CAC00

 9AFF51

 0B9100

 B8FF6E

 007600

 D6FF8B

 005D00

 F4FFA7

 004400

 FFFFC4

 002D00

 FFFFE2

 000D00

 000000

 5DC800

 68C814

 72C828

 7DC83C

 88C850

 93C864

 9DC878

 A8C88C

 B3C8A0

 BDC8B4

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BDB500



5DC800



00D271

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5DC800



00CAFF



FF4A9A

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5DC800



6B00C8

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF5EEE



5DC800



00B3FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5DC800



00D4FF



D18DFF



FF6C49

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5DC800



00D5AC



D18DFF



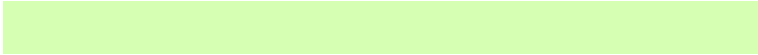
FF4AB6

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5DC800



D6FFB3



C86B00



678052



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5DC800



77FF00



00C807



5E635A



4CA300



112400

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



6B00C8



8800FF



C800C1



5F5A63



5700A3



130024

Previews

White Background



This preview shows how the Hex color 5DC800 looks on a white background.

Color Contrast Check

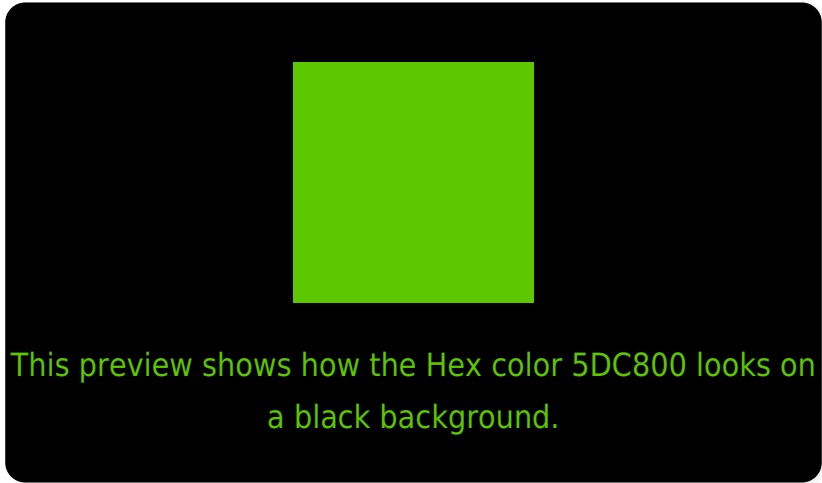
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5DC800 Background



This preview shows how black text looks on a background with the Hex color 5DC800.

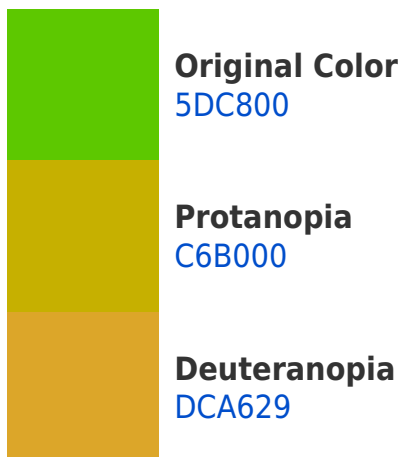


This preview shows how white text looks on a background with the Hex color 5DC800.

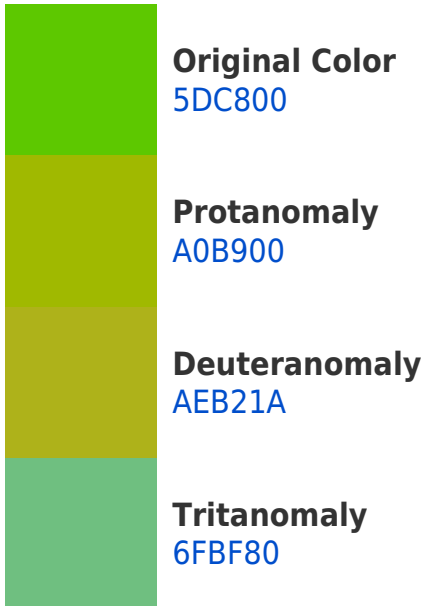
Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

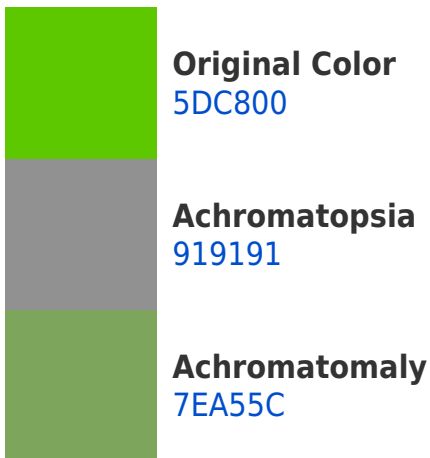
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DC800 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5DC800 looks like.

```
.text, #text, p{  
    color:#5DC800  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5DC800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DC800
}
```

Border

The CSS property to change the border of an element to Hex 5DC800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5DC800 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5DC800 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #5DC800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DC800; -webkit-box-shadow:4px 4px  
4px 4px #5DC800; box-shadow:4px 4px 4px  
4px #5DC800 }
```

Background

The CSS property to change the background color of an element to Hex 5DC800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DC800 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5DC800 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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