

Converting Colors

Hex(6FC804)

Have a look what the booklet for
Hex(6FC804) contains.

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Color

Hex(6FC804)

Conversions

Conversions Part 1

Format	Color
Hex	6FC804
RGB	111, 200, 4
RGB Percent	44%, 78%, 2%
CMY	0.5647, 0.2157, 0.9843
CMYK	0.45, 0.00, 0.98, 0.22
HSL	87°, 96%, 40%
HSV	87°, 98%, 78%
XYZ	27.2317, 44.6968, 7.3070
YIQ	151.0450, 9.8720, -79.8240

Conversions

Conversions Part 2

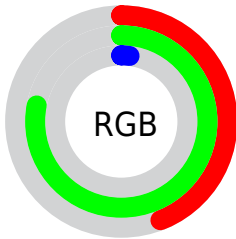
Format	Color
RYB	4, 200, 93
Decimal	7325700
CIELab	72.69, -52.67, 71.64
CIELCh	73, 88.920, 126.323
Yxy	44.6968, 0.3437, 0.5641
Android (android.graphics.Color)	4285515780 (0xFF6FC804)
YUV	151.0450, -72.4932, -35.1195
Hunter-Lab	66.8557, -44.2906, 40.3189

Details

The Hex color **6FC804** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **5D04C8**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **AAFF53**, and **309100** is the 20% darker color. If you saturate the color by 10%, you get **6DC800**, and if you desaturate by 10%, it is **78C818**.

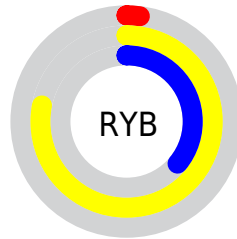
Distribution



Red (44%)

Green (78%)

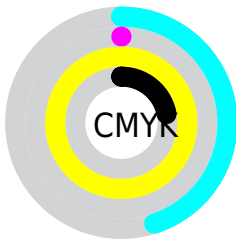
Blue (2%)



Red (2%)

Yellow (78%)

Blue (36%)

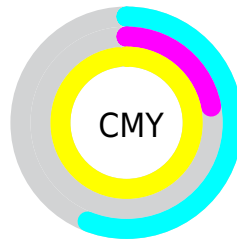


Cyan (45%)

Magenta (0%)

Yellow (98%)

Black (22%)



Cyan (56%)

Magenta (22%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FC804 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 6FC804 by changing the saturation by 10% instead.

 6FC804

 6FC804

FFFFFF

 51AC00

 AAFF53

 309100

 C8FF70

 007700

 E6FF8C

 005D00

 FFFFA9

 004500

 FFFFC6

 002F00

 FFFF E3

 001100

 000000

 6FC804

 6FC804

 6DC800

 78C818

 81C82C

 8AC840

 93C854

 9CC868

 A5C87C

 AFC890

 B8C8A4

 C1C8B8

Harmonies

Analogous

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



C7B400



6FC804



00D26D

Triad

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



6FC804



00CCFF



FF53A5

Complementary

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



6FC804



5D04C8

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.



FF69F5



6FC804



00B7FF

Square

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



6FC804



00D5FF



C794FF



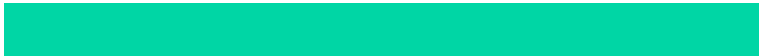
FF6E56

Rectangle

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



6FC804



00D6A5



C794FF



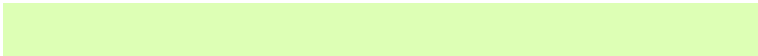
FF55C0

Sweetspot

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



6FC804



DFFFB5



C85C04



6B8053



000000



808080

Same Dimension

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



6FC804



8BFF00



0EC804



5F635A



59A300



132400

Inverse Universe

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



5D04C8



7400FF



BE04C8



5E5A63



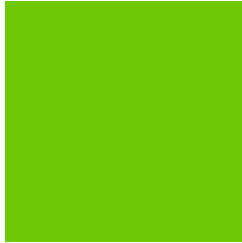
4A00A3



100024

Previews

White Background



This preview shows how the Hex color 6FC804 looks on a white background.

Color Contrast Check

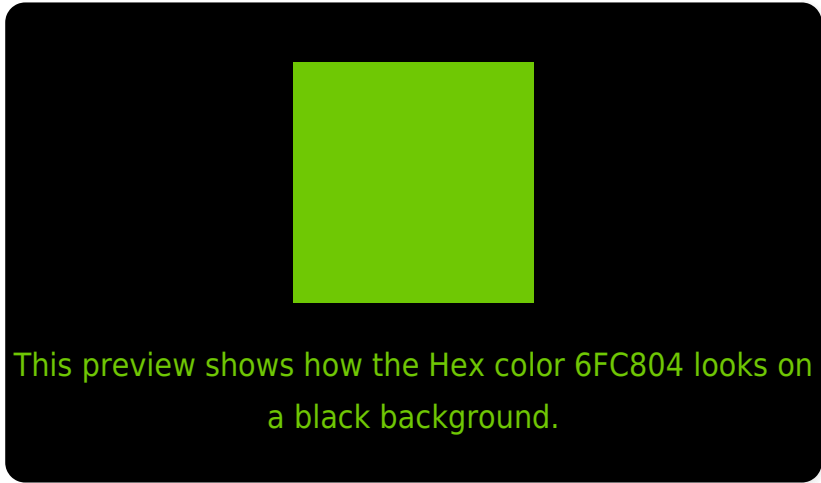
Large Text (above 18pt) WCAG AA × Fail

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 6FC804 Background



This preview shows how black text looks on a background with the Hex color 6FC804.

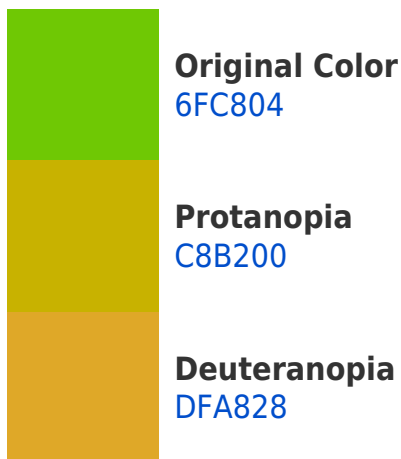


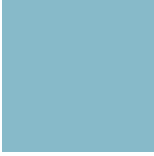
This preview shows how white text looks on a background with the Hex color 6FC804.

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





Tritanopia
87BAC9

Trichromacy



Original Color
6FC804



Protanomaly
A8BA01



Deuteranomaly
B6B41B



Tritanomaly
7EBF81

Monochromacy



Original Color
6FC804



Achromatopsia
979797



Achromatomaly
88A962

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FC804 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 #6FC804 looks like.

```
.text, #text, p{  
    color:#6FC804  
}
```

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 #6FC804 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FC804
}
```

Border

The CSS property to change the border of an element to Hex 6FC804 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
#6FC804 }
```

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

```
.border{ border-color:#6FC804 }
```

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

Here you see how a box with a 4 pixel #6FC804 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FC804; -webkit-box-shadow:4px 4px  
4px 4px #6FC804; box-shadow:4px 4px 4px  
4px #6FC804 }
```

Background

The CSS property to change the background color of an element to Hex 6FC804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FC804 }
```

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

```
.background{ background-color:#6FC804 }
```

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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