

Converting Colors

Hex(64CB0F)

Have a look what the booklet for
Hex(64CB0F) contains.

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Color

Hex(64CB0F)

Conversions

Conversions Part 1

Format	Color
Hex	64CB0F
RGB	100, 203, 15
RGB Percent	39%, 80%, 6%
CMY	0.6078, 0.2039, 0.9412
CMYK	0.51, 0.00, 0.93, 0.20
HSL	93°, 86%, 43%
HSV	93°, 93%, 80%
XYZ	26.6977, 45.4557, 7.8186
YIQ	150.7710, -1.0400, -80.3040

Conversions

Conversions Part 2

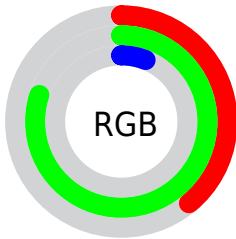
Format	Color
RYB	15, 203, 118
Decimal	6605583
CIELab	73.19, -56.99, 70.65
CIELCh	73, 90.770, 128.893
Yxy	45.4557, 0.3338, 0.5684
Android (android.graphics.Color)	4284795663 (0xFF64CB0F)
YUV	150.7710, -66.9351, -44.5262
Hunter-Lab	67.4208, -47.3030, 40.3188

Details

The Hex color **64CB0F** 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 **760FCB**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **A0FF56**, and **1C9400** is the 20% darker color. If you saturate the color by 10%, you get **5CCB00**, and if you desaturate by 10%, it is **6FCB23**.

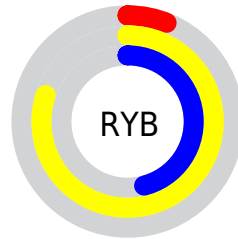
Distribution



Red (39%)

Green (80%)

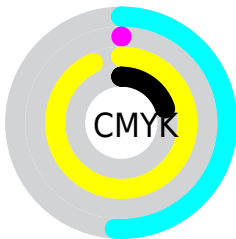
Blue (6%)



Red (6%)

Yellow (80%)

Blue (46%)

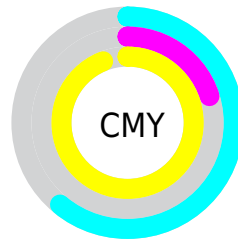


Cyan (51%)

Magenta (0%)

Yellow (93%)

Black (20%)



Cyan (61%)

Magenta (20%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64CB0F 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 64CB0F by changing the saturation by 10% instead.

 64CB0F

 64CB0F

FFFFFF

 44AF00

 A0FF56

 1C9400

 BEFF73

 007900

 DCFF90

 005F00

 FAFFAC

 004600

 FFFFC9

 003000

 FFFFE7

 001300

 000000

 64CB0F

 64CB0F

■ 5CCB00

■ 6FCB23

■ 7ACB38

■ 85CB4C

■ 90CB60

■ 9CCB75

■ A7CB89

■ B2CB9D

■ BDCBB1

■ C8CBC6

Harmonies

Analogous

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



C1B800



64CB0F



00D574

Triad

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



64CB0F



00CDFE



FF519F

Complementary

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



64CB0F



760FCB

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.



FF64F1



64CB0F



00B6FF

Square

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



64CB0F



00D7FF



D391FF



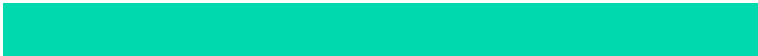
FF704F

Rectangle

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



64CB0F



00D8AE



D391FF



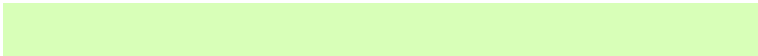
FF52BA

Sweetspot

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



64CB0F



D8FFB8



CB730F



688054



000000



808080

Same Dimension

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



64CB0F



73FF00



0FCB15



60665C



4BA600



112600

Inverse Universe

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



760FCB



8C00FF



CB0FC5



615C66



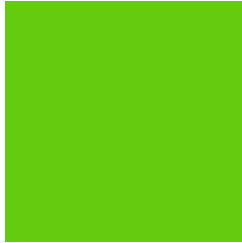
5B00A6



150026

Previews

White Background



This preview shows how the Hex color 64CB0F looks on a white background.

Color Contrast Check

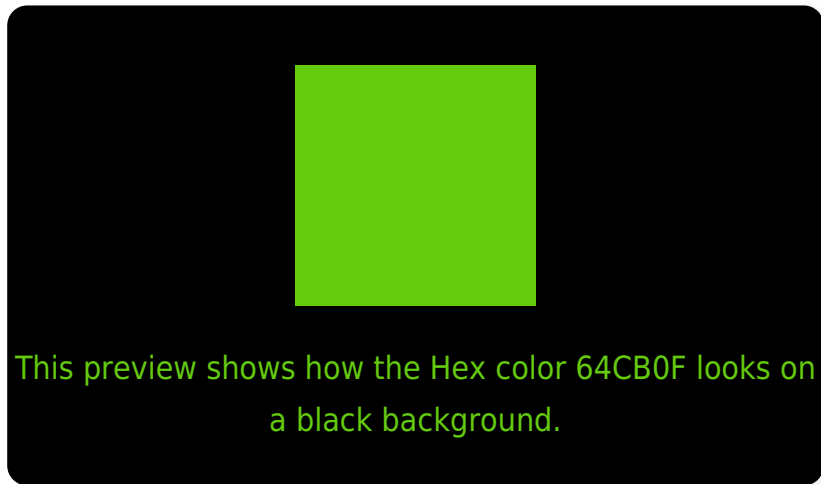
Large Text (above 18pt) WCAG AA × Fail

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 64CB0F Background



This preview shows how black text looks on a background with the Hex color 64CB0F.

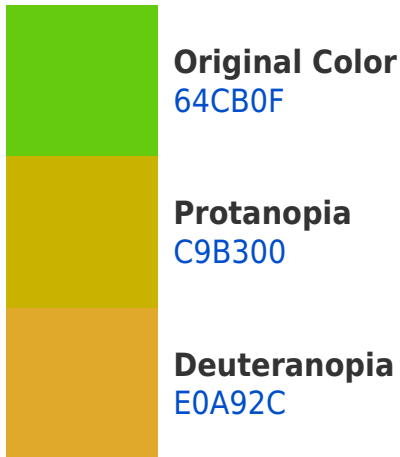


This preview shows how white text looks on a background with the Hex color 64CB0F.

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



Original Color
64CB0F



Protanomaly
A4BC05



Deuteranomaly
B3B521



Tritanomaly
75C287

Monochromacy



Original Color
64CB0F



Achromatopsia
979797



Achromatomaly
84AA66

CSS Examples

Text

The CSS property to change the color of the text to Hex 64CB0F 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 #64CB0F looks like.

```
.text, #text, p{  
    color:#64CB0F  
}
```

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 #64CB0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64CB0F
}
```

Border

The CSS property to change the border of an element to Hex 64CB0F 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
#64CB0F }
```

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

```
.border{ border-color:#64CB0F }
```

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

Here you see how a box with a 4 pixel #64CB0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64CB0F; -webkit-box-shadow:4px 4px  
4px 4px #64CB0F; box-shadow:4px 4px 4px  
4px #64CB0F }
```

Background

The CSS property to change the background color of an element to Hex 64CB0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64CB0F }
```

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

```
.background{ background-color:#64CB0F }
```

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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