

# Converting Colors

Hex(64BD0F)

Have a look what the booklet for  
Hex(64BD0F) contains.

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**Color**

**Hex(64BD0F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64BD0F
RGB	100, 189, 15
RGB Percent	39%, 74%, 6%
CMY	0.6078, 0.2588, 0.9412
CMYK	0.47, 0.00, 0.92, 0.26
HSL	91°, 85%, 40%
HSV	91°, 92%, 74%
XYZ	23.5393, 39.1390, 6.7659
YIQ	142.5530, 2.8100, -72.9820

# Conversions

## Conversions Part 2

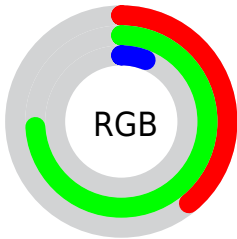
Format	Color
<a href="#">RYB</a>	<a href="#">15, 189, 104</a>
Decimal	<a href="#">6601999</a>
CIELab	<a href="#">68.85, -51.75, 67.08</a>
CIELCh	<a href="#">69, 84.719, 127.647</a>
Yxy	<a href="#">39.1390, 0.3390, 0.5636</a>
Android (android.graphics.Color)	<a href="#">4284792079 (0xFF64BD0F)</a>
YUV	<a href="#">142.5530, -62.8836, -37.3190</a>
Hunter-Lab	<a href="#">62.5612, -42.3194, 37.3807</a>

# Details

The Hex color **64BD0F** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **680FBD**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **9FF654**, and **238700** is the 20% darker color. If you saturate the color by 10%, you get **5CBD00**, and if you desaturate by 10%, it is **6EBD22**.

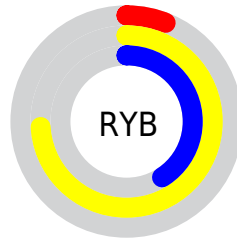
# Distribution



Red (39%)

Green (74%)

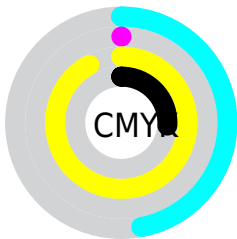
Blue (6%)



Red (6%)

Yellow (74%)

Blue (41%)

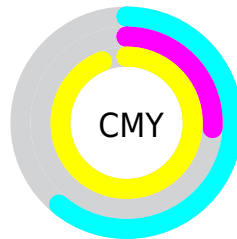


Cyan (47%)

Magenta (0%)

Yellow (92%)

Black (26%)



Cyan (61%)

Magenta (26%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64BD0F 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 64BD0F by changing the saturation by 10% instead.



 64BD0F

 64BD0F

FFFFFF

 46A200

 9FF654

 238700

 BCFF70

 006D00

 DAFF8C

 005300

 F8FFA8

 003B00

 FFFFC5

 002500

 FFFFE2

 000000

 64BD0F

 64BD0F

 5CBD00

 6EBD22

 77BD35

 81BD48

 8BBD5B

 94BD6E

 9EBD80

 A8BD93

 B1BDA6

 BBBDB9

# Harmonies

## Analogous

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



B8AB00



64BD0F



00C66A

# Triad

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



64BD0F



00C0FF



FF4F98

# Complementary

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



64BD0F



680FBD

# 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.



FF62E4



64BD0F



00ABFF

# Square

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



64BD0F



00C9FF



C18AFF



FF694E

# Rectangle

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



64BD0F



00C99F



C18AFF



FF50B1



# Sweetspot

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



64BD0F



D2F5B0



BD660F



657A51



FAFAFA



7A7A7A



# Same Dimension

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



64BD0F



78F500



0FBD0F



5A5E55



4D9E00



0F1F00



# Inverse Universe

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



680FBD



7D00F5



BD0FBD



5A555E



51009E

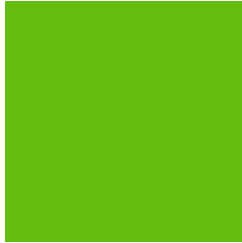


10001F



# Previews

## White Background



This preview shows how the Hex color 64BD0F looks on a white background.

## Color Contrast Check

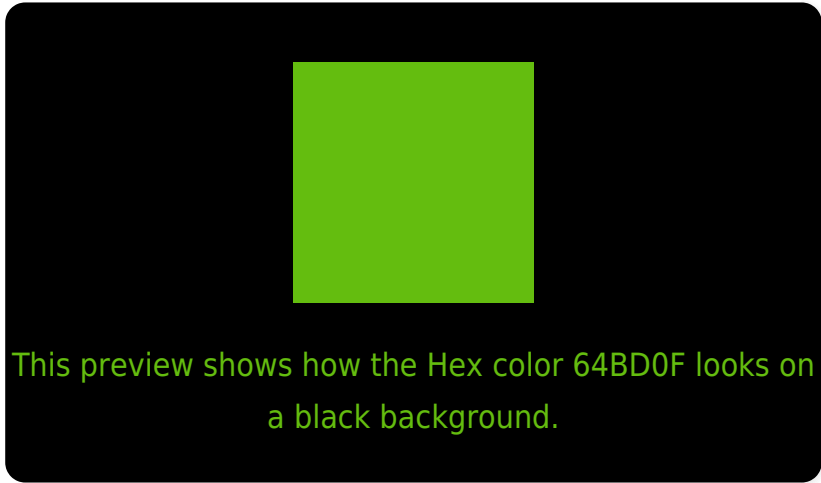
Large Text (above 18pt) WCAG AA × Fail

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 64BD0F Background



This preview shows how black text looks on a background with the Hex color 64BD0F.

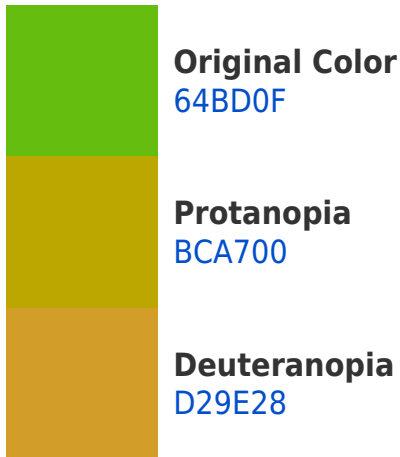


This preview shows how white text looks on a background with the Hex color 64BD0F.

# 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](#).

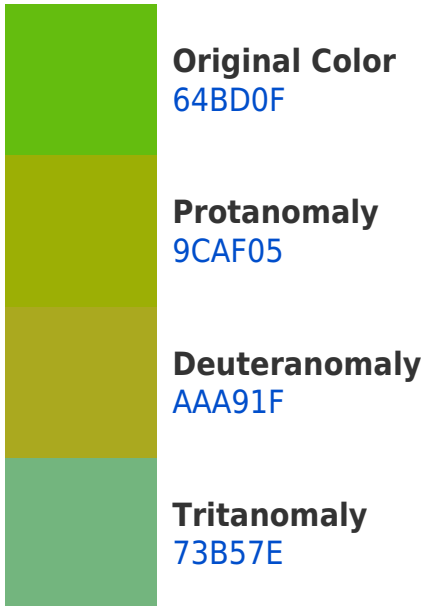
## Dichromacy



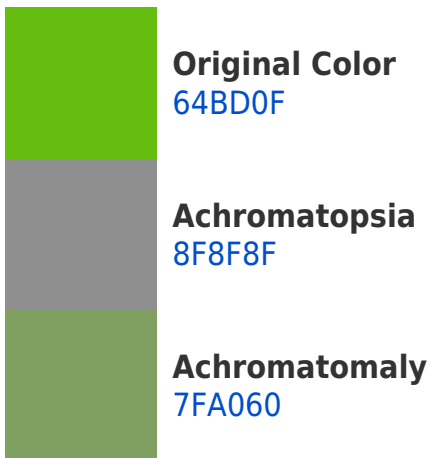


**Tritanopia**  
7CB0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64BD0F 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 #64BD0F looks like.

```
.text, #text, p{  
    color:#64BD0F  
}
```

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 #64BD0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64BD0F
}
```

## Border

The CSS property to change the border of an element to Hex 64BD0F 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".

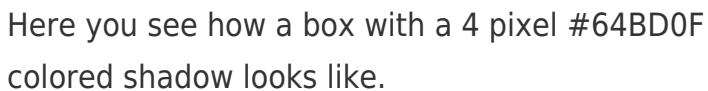
```
.border, #border, table{ border:4px solid
#64BD0F }
```

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

```
.border{ border-color:#64BD0F }
```

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

Here you see how a box with a 4 pixel #64BD0F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64BD0F; -webkit-box-shadow:4px 4px  
4px 4px #64BD0F; box-shadow:4px 4px 4px  
4px #64BD0F }
```

# Background

The CSS property to change the background color of an element to Hex 64BD0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64BD0F }
```

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

```
.background{ background-color:#64BD0F }
```

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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