

# Converting Colors

Hex(63CB1F)

Have a look what the booklet for  
Hex(63CB1F) contains.

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**Color**

**Hex(63CB1F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	63CB1F
RGB	99, 203, 31
RGB Percent	39%, 80%, 12%
CMY	0.6118, 0.2039, 0.8784
CMYK	0.51, 0.00, 0.85, 0.20
HSL	96°, 74%, 46%
HSV	96°, 85%, 80%
XYZ	26.7488, 45.4634, 8.6618
YIQ	152.2960, -6.7720, -75.5400

# Conversions

## Conversions Part 2

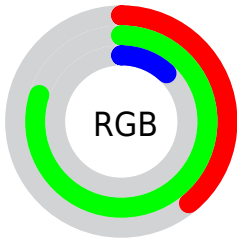
Format	Color
<b>RYB</b>	31, 203, 135
Decimal	6540063
CIELab	73.20, -56.80, 67.77
CIELCh	73, 88.428, 129.969
Yxy	45.4634, 0.3307, 0.5622
Android (android.graphics.Color)	4284730143 (0xFF63CB1F)
YUV	152.2960, -59.7989, -46.7406
Hunter-Lab	67.4266, -47.1837, 39.5820

# Details

The Hex color **63CB1F** 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 **871FCB**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **9FFF5E**, and **1C9400** is the 20% darker color. If you saturate the color by 10%, you get **57CB0B**, and if you desaturate by 10%, it is **6FCB33**.

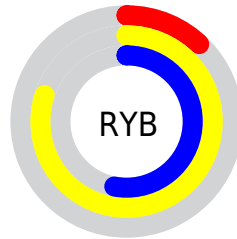
# Distribution



Red (39%)

Green (80%)

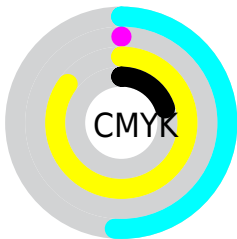
Blue (12%)



Red (12%)

Yellow (80%)

Blue (53%)

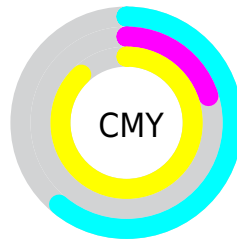


Cyan (51%)

Magenta (0%)

Yellow (85%)

Black (20%)



Cyan (61%)

Magenta (20%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63CB1F 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 63CB1F by changing the saturation by 10% instead.





63CB1F



63CB1F

FFFFFF



43AF00



9FFF5E



1C9400



BDF7A



007900



DBFF96



005F00



F9FFB3



004600



FFFFD0



003000



FFFFED



001300



000000



63CB1F



63CB1F

■ 57CB0B

■ 6FCB33

■ 50CB00

■ 7CCB48

■ 88CB5C

■ 94CB70

■ A0CB84

■ ADCB99

■ B9CBAD

■ C5CBC1

■ D1CBD6

# Harmonies

## Analogous

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



BFB900



63CB1F



00D479

# Triad

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



63CB1F



00CCFF



FF579C

# Complementary

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



63CB1F



871FCB

# 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.



FF67ED



63CB1F



00B5FF

# Square

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



63CB1F



00D6FF



D791FF



FF754F

# Rectangle

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



63CB1F



00D7B1



D791FF



FF57B7

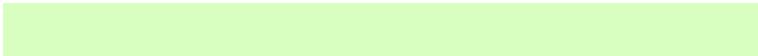


# Sweetspot

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



63CB1F



D8FFBF



CB861F



688059



000000



808080



# Same Dimension

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



63CB1F



65FF00



1FCB30



60665C



42A600



0F2600



# Inverse Universe

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



871FCB



9A00FF



CB1FBA



625C66



6400A6



170026



# Previews

## White Background



This preview shows how the Hex color 63CB1F looks on a white background.

## Color Contrast Check

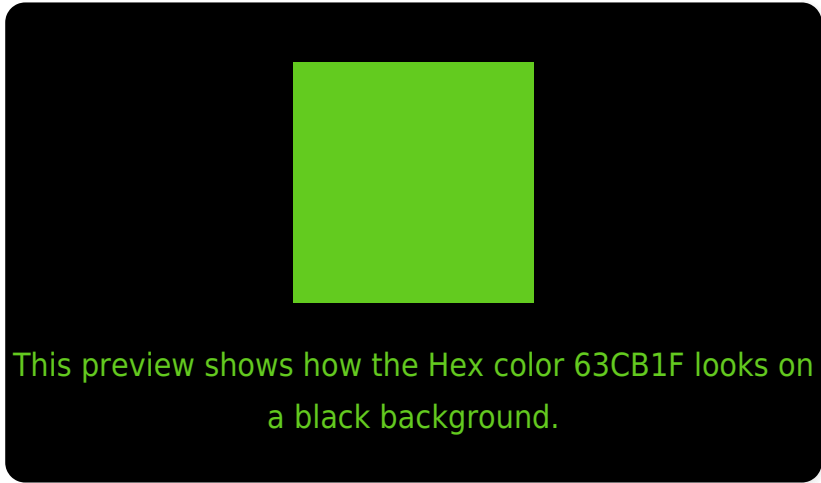
Large Text (above 18pt) WCAG AA × Fail

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 63CB1F Background



This preview shows how black text looks on a background with the Hex color 63CB1F.

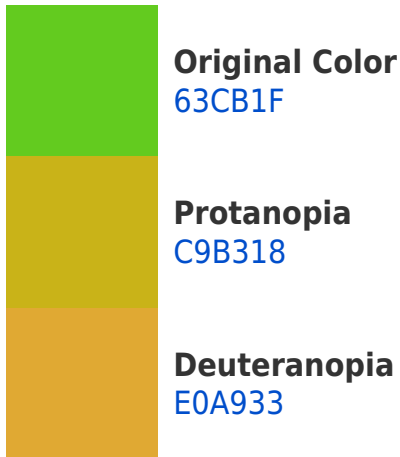


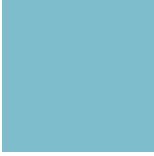
This preview shows how white text looks on a background with the Hex color 63CB1F.

# 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**  
63CB1F



**Protanomaly**  
A4BC1B



**Deuteranomaly**  
B3B52C



**Tritanomaly**  
74C28D

# Monochromacy



**Original Color**  
63CB1F



**Achromatopsia**  
989898



**Achromatomaly**  
85AB6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63CB1F 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 #63CB1F looks like.

```
.text, #text, p{  
    color:#63CB1F  
}
```

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 #63CB1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63CB1F
}
```

## Border

The CSS property to change the border of an element to Hex 63CB1F 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
#63CB1F }
```

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

```
.border{ border-color:#63CB1F }
```

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

Here you see how a box with a 4 pixel #63CB1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63CB1F; -webkit-box-shadow:4px 4px  
4px 4px #63CB1F; box-shadow:4px 4px 4px  
4px #63CB1F }
```

# Background

The CSS property to change the background color of an element to Hex 63CB1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63CB1F }
```

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

```
.background{ background-color:#63CB1F }
```

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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