

Converting Colors

Hex(60BC1F)

Have a look what the booklet for
Hex(60BC1F) contains.

Hex(60BC1F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(60BC1F)

Conversions

Conversions Part 1

Format	Color
Hex	60BC1F
RGB	96, 188, 31
RGB Percent	38%, 74%, 12%
CMY	0.6235, 0.2627, 0.8784
CMYK	0.49, 0.00, 0.84, 0.26
HSL	95°, 72%, 43%
HSV	95°, 84%, 74%
XYZ	23.0544, 38.5522, 7.5225
YIQ	142.5940, -4.4350, -68.3310

Conversions

Conversions Part 2

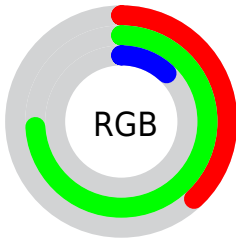
Format	Color
RYB	31, 188, 123
Decimal	6339615
CIELab	68.43, -52.08, 63.50
CIELCh	68, 82.122, 129.359
Yxy	38.5522, 0.3335, 0.5577
Android (android.graphics.Color)	4284529695 (0xFF60BC1F)
YUV	142.5940, -55.0158, -40.8629
Hunter-Lab	62.0904, -42.3804, 36.2800

Details

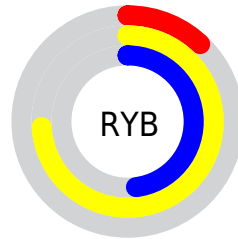
The Hex color **60BC1F** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **7B1FBC**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **9AF55B**, and **1D8600** is the 20% darker color. If you saturate the color by 10%, you get **55BC0C**, and if you desaturate by 10%, it is **6BBC32**.

Distribution



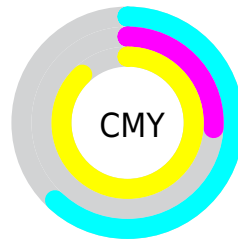
- Red (38%)
- Green (74%)
- Blue (12%)



- Red (12%)
- Yellow (74%)
- Blue (48%)



- Cyan (49%)
- Magenta (0%)
- Yellow (84%)
- Black (26%)



- Cyan (62%)
- Magenta (26%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60BC1F 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 60BC1F by changing the saturation by 10% instead.

 60BC1F

 60BC1F

FFFFFF

 41A100

 9AF55B

 1D8600

 B8FF77

 006C00

 D5FF93

 005200

 F3FFAF

 003A00

 FFFFCC

 002400

 FFFFEE

 000000

 60BC1F

 60BC1F

 55BC0C

 6BBC32

 4EBC00

 76BC45

 81BC57

 8CBC6A

 97BC7D

 A2BC90

 ADBCA3

 B8BCB5

 C3BCC8

Harmonies

Analogous

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



B3AB00



60BC1F



00C56F

Triad

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



60BC1F



00BDFE



FF5393

Complementary

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



60BC1F



7B1FBC

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.



FF62DD



60BC1F



00A8FF

Square

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



60BC1F



00C6FF



C588FF



FF6D4C

Rectangle

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



60BC1F



00C8A3



C588FF



FF53AC

Sweetspot

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



60BC1F



D1F5B8



BC7B1F



657A56



FAFAFA



7A7A7A

Same Dimension

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



60BC1F



65F500



1FBC2C



595E55



419E00



0D1F00

Inverse Universe

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



7B1FBC



8F00F5



BC1FAF



5A555E



5D009E



12001F

Previews

White Background



This preview shows how the Hex color 60BC1F looks on a white background.

Color Contrast Check

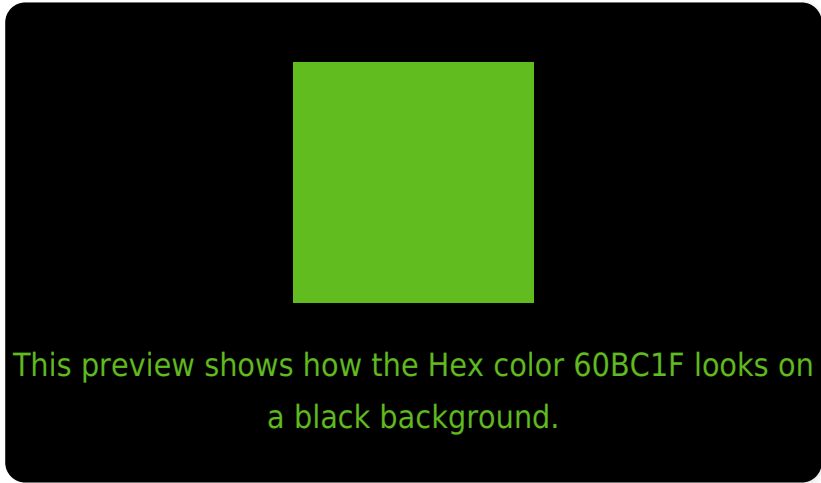
Large Text (above 18pt) WCAG AA × Fail

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 60BC1F Background



This preview shows how black text looks on a background with the Hex color 60BC1F.

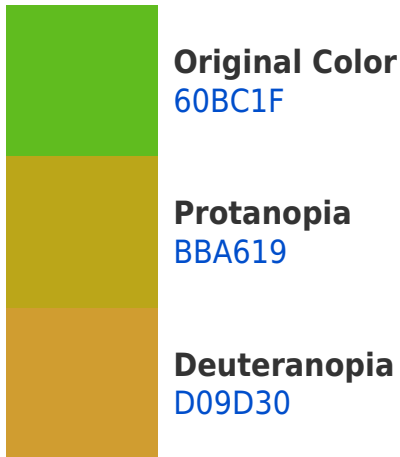


This preview shows how white text looks on a background with the Hex color 60BC1F.

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
78AFBD

Trichromacy



Original Color
60BC1F



Protanomaly
9AAE1B



Deuteranomaly
A7A82A



Tritanomaly
6FB484

Monochromacy



Original Color
60BC1F



Achromatopsia
8F8F8F



Achromatomaly
7E9F66

CSS Examples

Text

The CSS property to change the color of the text to Hex 60BC1F 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 #60BC1F looks like.

```
.text, #text, p{  
    color:#60BC1F  
}
```

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 #60BC1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60BC1F
}
```

Border

The CSS property to change the border of an element to Hex 60BC1F 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
#60BC1F }
```

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

```
.border{ border-color:#60BC1F }
```

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

Here you see how a box with a 4 pixel #60BC1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60BC1F; -webkit-box-shadow:4px 4px  
4px 4px #60BC1F; box-shadow:4px 4px 4px  
4px #60BC1F }
```

Background

The CSS property to change the background color of an element to Hex 60BC1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60BC1F }
```

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

```
.background{ background-color:#60BC1F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor