

Converting Colors

Hex(61B31B)

Have a look what the booklet for
Hex(61B31B) contains.

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Color

Hex(61B31B)

Conversions

Conversions Part 1

Format	Color
Hex	61B31B
RGB	97, 179, 27
RGB Percent	38%, 70%, 11%
CMY	0.6196, 0.2980, 0.8941
CMYK	0.46, 0.00, 0.85, 0.30
HSL	92°, 74%, 40%
HSV	92°, 85%, 70%
XYZ	21.2477, 34.8607, 6.6458
YIQ	137.1540, -0.0800, -64.6560

Conversions

Conversions Part 2

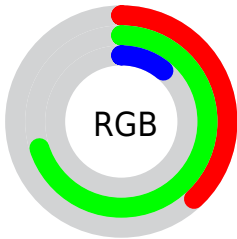
Format	Color
RYB	27, 179, 109
Decimal	6402843
CIELab	65.64, -48.44, 62.01
CIELCh	66, 78.691, 127.995
Yxy	34.8607, 0.3386, 0.5555
Android (android.graphics.Color)	4284592923 (0xFF61B31B)
YUV	137.1540, -54.3059, -35.2151
Hunter-Lab	59.0430, -39.0887, 34.6564

Details

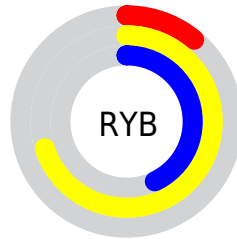
The Hex color **61B31B** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **6D1BB3**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **9AEB58**, and **227D00** is the 20% darker color. If you saturate the color by 10%, you get **57B309**, and if you desaturate by 10%, it is **6BB32D**.

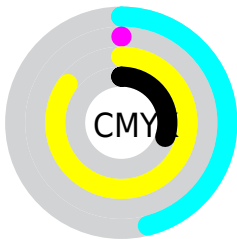
Distribution



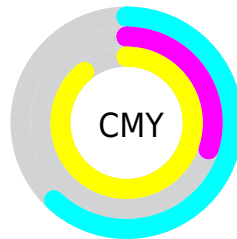
- Red (38%)
- Green (70%)
- Blue (11%)



- Red (11%)
- Yellow (70%)
- Blue (43%)



- Cyan (46%)
- Magenta (0%)
- Yellow (85%)
- Black (30%)



- Cyan (62%)
- Magenta (30%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61B31B 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 61B31B by changing the saturation by 10% instead.

 61B31B

 61B31B

FFFFFF

 439800

 9AEB58

 227D00

 B7FF73

 006400

 D5FF8F

 004B00

 F3FFAB

 003300


 FFFFC7

 001C00

 FFFFE4

 000000

 61B31B

 61B31B

 57B309

 6BB32D

■ 52B300

■ 74B33F

■ 7EB351

■ 88B363

■ 91B374

■ 9BB386

■ A5B398

■ AEB3AA

■ B8B3BC

Harmonies

Analogous

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



AEA200



61B31B



00BC67

Triad

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



61B31B



00B5FF



FF5090

Complementary

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



61B31B



6D1BB3

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.



FF60D6



61B31B



00A2FF

Square

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



61B31B



00BEF5



B883FF



FF674C

Rectangle

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



61B31B



00BF98



B883FF



FF51A7

Sweetspot

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



61B31B



C9E8AE



B36C1B



627552



F5F5F5



757575

Same Dimension

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



61B31B



6BE800



1BB320



545950



469900



0C1A00

Inverse Universe

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



6D1BB3



7D00E8



B31BAE



555059



530099



0E001A

Previews

White Background



This preview shows how the Hex color 61B31B looks on a white background.

Color Contrast Check

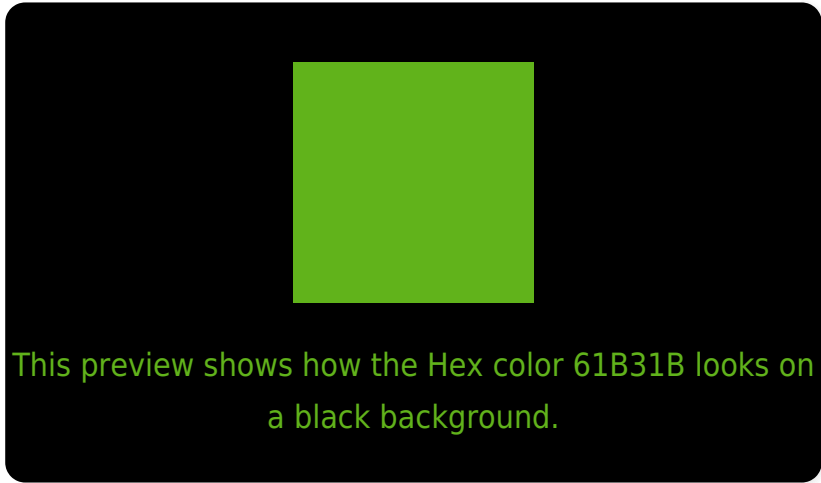
Large Text (above 18pt) WCAG AA × Fail

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 61B31B Background



This preview shows how black text looks on a background with the Hex color 61B31B.



This preview shows how white text looks on a background with the Hex color 61B31B.

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



Original Color
61B31B

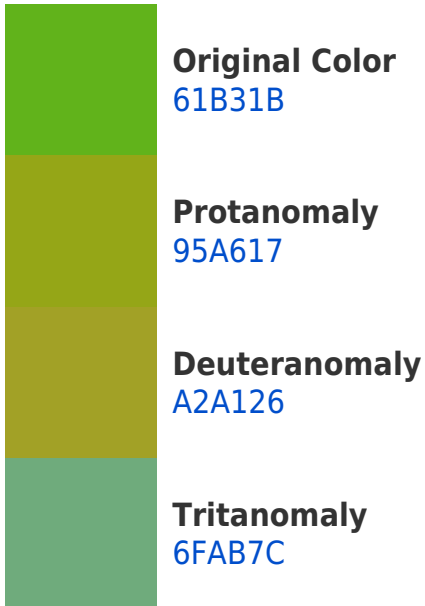
Protanopia
B39F15

Deuteranopia
C7962C

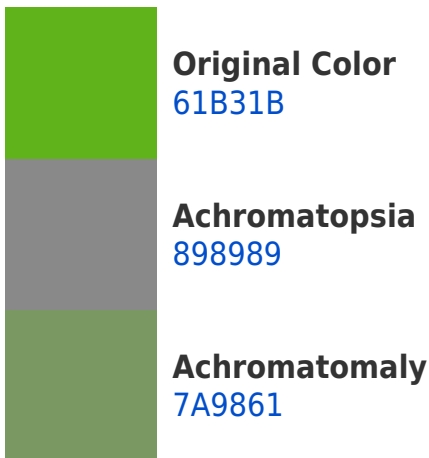


Tritanopia
77A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61B31B 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 #61B31B looks like.

```
.text, #text, p{  
    color:#61B31B  
}
```

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 #61B31B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B31B
}
```

Border

The CSS property to change the border of an element to Hex 61B31B 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
#61B31B }
```

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

```
.border{ border-color:#61B31B }
```

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

Here you see how a box with a 4 pixel #61B31B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B31B; -webkit-box-shadow:4px 4px  
4px 4px #61B31B; box-shadow:4px 4px 4px  
4px #61B31B }
```

Background

The CSS property to change the background color of an element to Hex 61B31B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B31B }
```

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

```
.background{ background-color:#61B31B }
```

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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