

Converting Colors

Hex(61B50D)

Have a look what the booklet for
Hex(61B50D) contains.

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Color

Hex(61B50D)

Conversions

Conversions Part 1

Format	Color
Hex	61B50D
RGB	97, 181, 13
RGB Percent	38%, 71%, 5%
CMY	0.6196, 0.2902, 0.9490
CMYK	0.46, 0.00, 0.93, 0.29
HSL	90°, 87%, 38%
HSV	90°, 93%, 71%
XYZ	21.5263, 35.6182, 6.1212
YIQ	136.7320, 3.8640, -70.0560

Conversions

Conversions Part 2

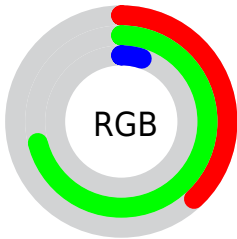
Format	Color
RYB	13, 181, 97
Decimal	6403341
CIELab	66.23, -49.65, 65.15
CIELCh	66, 81.917, 127.310
Yxy	35.6182, 0.3403, 0.5630
Android (android.graphics.Color)	4284593421 (0xFF61B50D)
YUV	136.7320, -60.9999, -34.8450
Hunter-Lab	59.6810, -40.0587, 35.6956

Details

The Hex color **61B50D** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **610DB5**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **9BEE51**, and **217F00** is the 20% darker color. If you saturate the color by 10%, you get **5BB500**, and if you desaturate by 10%, it is **6AB51F**.

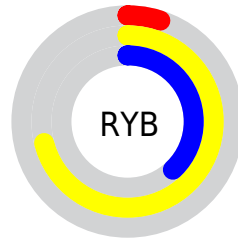
Distribution



Red (38%)

Green (71%)

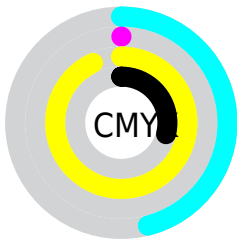
Blue (5%)



Red (5%)

Yellow (71%)

Blue (38%)

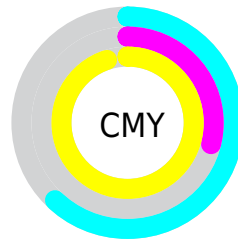


Cyan (46%)

Magenta (0%)

Yellow (93%)

Black (29%)



Cyan (62%)

Magenta (29%)


Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61B50D 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 61B50D by changing the saturation by 10% instead.

 61B50D

 61B50D

FFFFFF

 439A00

 9BEE51

 217F00

 B8FF6D

 006500

 D6FF89

 004D00

 F4FFA5

 003500

 FFFFC2

 001E00

 FFFFDF

 000000

 FFFFFD

 61B50D

 61B50D

■ 5BB500

■ 6AB51F

■ 73B531

■ 7CB543

■ 85B555

■ 8EB567

■ 97B57A

■ A0B58C

■ A9B59E

■ B2B5B0

Harmonies

Analogous

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



B1A400



61B50D



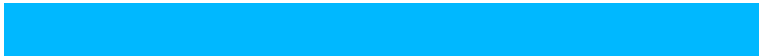
00BE65

Triad

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



61B50D



00B8FF



FF4C92

Complementary

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



61B50D



610DB5

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.



FF5EDB



61B50D



00A4FF

Square

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



61B50D



00C0F9



B884FF



FF644B

Rectangle

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



61B50D



00C198



B884FF



FF4DAB

Sweetspot

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



61B50D



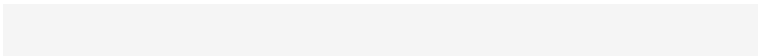
CAEBA9



B5610D



61754D



F5F5F5



757575

Same Dimension

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



61B50D



75EB00



0DB50D



555950



4D9900



0D1A00

Inverse Universe

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



610DB5



7500EB



B50DB5



555059



4D0099



0D001A

Previews

White Background



This preview shows how the Hex color 61B50D looks on a white background.

Color Contrast Check

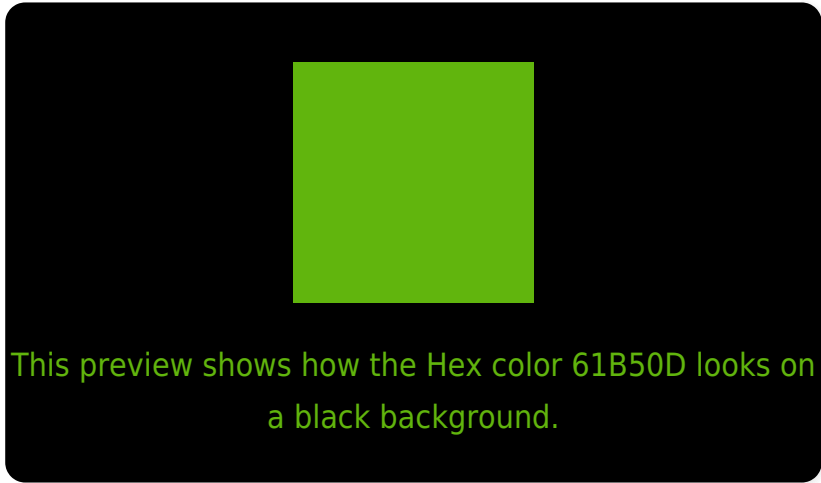
Large Text (above 18pt) WCAG AA × Fail

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 61B50D Background



This preview shows how black text looks on a background with the Hex color 61B50D.

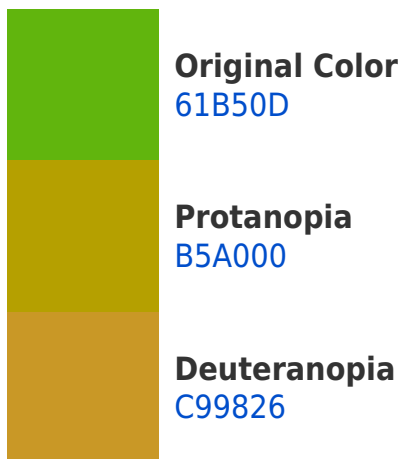


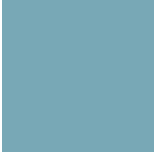
This preview shows how white text looks on a background with the Hex color 61B50D.

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](#).

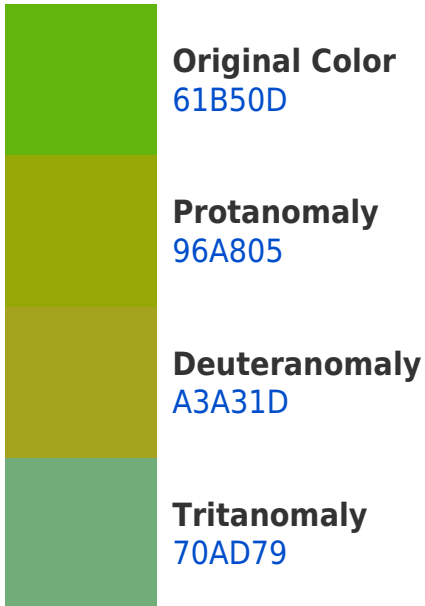
Dichromacy



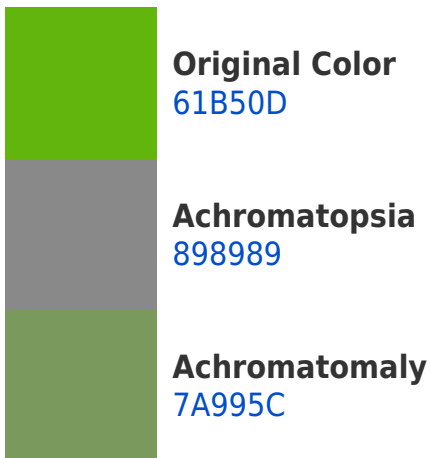


Tritanopia
78A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61B50D 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 #61B50D looks like.

```
.text, #text, p{  
    color:#61B50D  
}
```

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 #61B50D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61B50D
}
```

Border

The CSS property to change the border of an element to Hex 61B50D 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
#61B50D }
```

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

```
.border{ border-color:#61B50D }
```

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

Here you see how a box with a 4 pixel #61B50D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61B50D; -webkit-box-shadow:4px 4px  
4px 4px #61B50D; box-shadow:4px 4px 4px  
4px #61B50D }
```

Background

The CSS property to change the background color of an element to Hex 61B50D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61B50D }
```

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

```
.background{ background-color:#61B50D }
```

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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