

Converting Colors

Hex(61D10D)

Have a look what the booklet for
Hex(61D10D) contains.

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Color

Hex(61D10D)

Conversions

Conversions Part 1

Format	Color
Hex	61D10D
RGB	97, 209, 13
RGB Percent	38%, 82%, 5%
CMY	0.6196, 0.1804, 0.9490
CMYK	0.54, 0.00, 0.94, 0.18
HSL	94°, 88%, 44%
HSV	94°, 94%, 82%
XYZ	27.8029, 48.1714, 8.2134
YIQ	153.1680, -3.8360, -84.7000

Conversions

Conversions Part 2

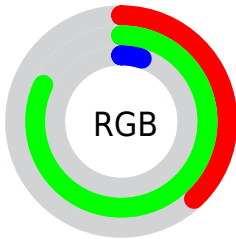
Format	Color
R _{YB}	13, 209, 125
Decimal	6410509
CIE Lab	74.93, -60.04, 72.28
CIE LCh	75, 93.962, 129.718
Yxy	48.1714, 0.3302, 0.5722
Android (android.graphics.Color)	4284600589 (0xFF61D10D)
YUV	153.1680, -69.1028, -49.2593
Hunter-Lab	69.4056, -49.9553, 41.5676

Details

The Hex color **61D10D** 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 **7D0DD1**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **9EFF57**, and **119900** is the 20% darker color. If you saturate the color by 10%, you get **5AD100**, and if you desaturate by 10%, it is **6DD122**.

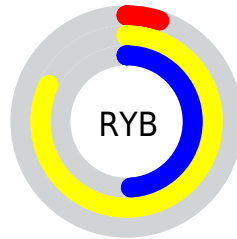
Distribution



Red (38%)

Green (82%)

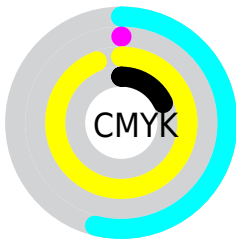
Blue (5%)



Red (5%)

Yellow (82%)

Blue (49%)

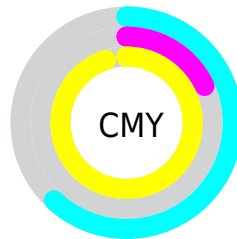


Cyan (54%)

Magenta (0%)

Yellow (94%)

Black (18%)



Cyan (62%)

Magenta (18%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61D10D 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 61D10D by changing the saturation by 10% instead.

 61D10D

 61D10D

FFFFFF

 40B500

 9EFF57

 119900

 BCFF74

 007F00

 DBFF90

 006500

 F9FFAD

 004B00

 FFFFCA

 003400

 FFFF E8

 001A00

 000000

 61D10D

 61D10D

■ 5AD100

■ 6DD122

■ 79D137

■ 85D14C

■ 91D161

■ 9DD176

■ A9D18A

■ B5D19F

■ C1D1B4

■ CCD1C9

Harmonies

Analogous

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



C4BE00



61D10D



00DB78

Triad

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



61D10D



00D2FF



FF50A0

Complementary

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



61D10D



7D0DD1

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.



FF64F6



61D10D



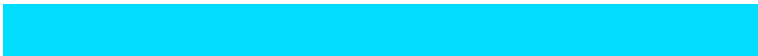
00BAFF

Square

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



61D10D



00DDFF



DC93FF



FF734D

Rectangle

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



61D10D



00DEB5



DC93FF



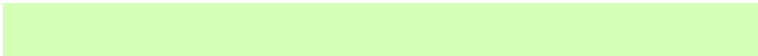
FF50BD

Sweetspot

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



61D10D



D6FFB8



D17C0D



678054



000000



808080

Same Dimension

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



61D10D



6DFF00



0DD11A



63695E



48A800



112900

Inverse Universe

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



7D0DD1



9200FF



D10DC4



645E69



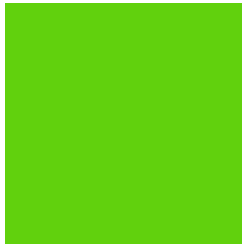
6000A8



170029

Previews

White Background



This preview shows how the Hex color 61D10D looks on a white background.

Color Contrast Check

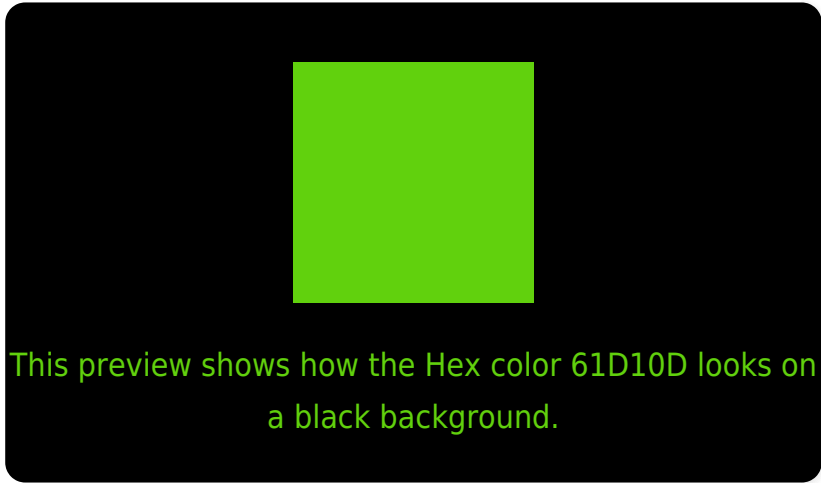
Large Text (above 18pt) WCAG AA × Fail

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 61D10D Background



This preview shows how black text looks on a background with the Hex color 61D10D.

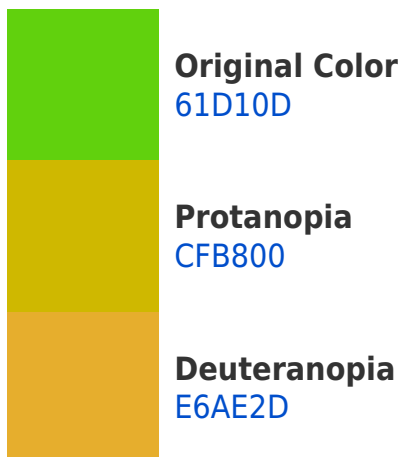


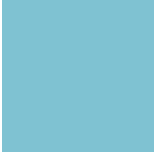
This preview shows how white text looks on a background with the Hex color 61D10D.

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
7FC2D2

Trichromacy



Original Color
61D10D



Protanomaly
A7C105



Deuteranomaly
B6BB21



Tritanomaly
74C78A

Monochromacy



Original Color
61D10D



Achromatopsia
999999



Achromatomaly
85AD66

CSS Examples

Text

The CSS property to change the color of the text to Hex 61D10D 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 #61D10D looks like.

```
.text, #text, p{  
    color:#61D10D  
}
```

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 #61D10D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61D10D
}
```

Border

The CSS property to change the border of an element to Hex 61D10D 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
#61D10D }
```

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

```
.border{ border-color:#61D10D }
```

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

Here you see how a box with a 4 pixel #61D10D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61D10D; -webkit-box-shadow:4px 4px  
4px 4px #61D10D; box-shadow:4px 4px 4px  
4px #61D10D }
```

Background

The CSS property to change the background color of an element to Hex 61D10D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61D10D }
```

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

```
.background{ background-color:#61D10D }
```

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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