

# Converting Colors

Hex(60D12C)

Have a look what the booklet for  
Hex(60D12C) contains.

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**Color**

**Hex(60D12C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60D12C
RGB	96, 209, 44
RGB Percent	38%, 82%, 17%
CMY	0.6235, 0.1804, 0.8275
CMYK	0.54, 0.00, 0.79, 0.18
HSL	101°, 65%, 50%
HSV	101°, 79%, 82%
XYZ	28.0790, 48.2696, 10.2199
YIQ	156.4030, -14.3830, -75.2710

# Conversions

## Conversions Part 2

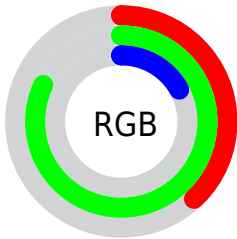
Format	Color
<b>RYB</b>	44, 209, 157
Decimal	6345004
CIELab	74.99, -59.21, 66.00
CIELCh	75, 88.666, 131.900
Yxy	48.2696, 0.3244, 0.5576
Android (android.graphics.Color)	4284535084 (0xFF60D12C)
YUV	156.4030, -55.4147, -52.9734
Hunter-Lab	69.4763, -49.4425, 39.9119

# Details

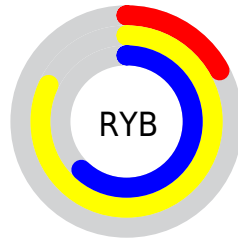
The Hex color **60D12C** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **9D2CD1**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **9DFF67**, and **129900** is the 20% darker color. If you saturate the color by 10%, you get **52D117**, and if you desaturate by 10%, it is **6ED141**.

# Distribution



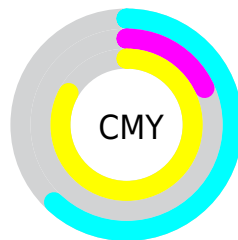
- Red (38%)
- Green (82%)
- Blue (17%)



- Red (17%)
- Yellow (82%)
- Blue (62%)



- Cyan (54%)
- Magenta (0%)
- Yellow (79%)
- Black (18%)



- Cyan (62%)
- Magenta (18%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60D12C 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 60D12C by changing the saturation by 10% instead.



 60D12C

 60D12C

FFFFFF

 3FB500


 9DFF67

 129900

 BAFF83

 007F00

 D9FF9F

 006500

 F7FFBC

 004B00

 FFFFD9

 003400

 FFFFF6

 001A00

 000000

 60D12C

 60D12C

■ 52D117

■ 6ED141

■ 43D102

■ 7DD156

■ 42D100

■ 8BD16B

■ 99D180

■ A8D195

■ B6D1A9

■ C4D1BE

■ D3D1D3

■ E1D1E8

# Harmonies

## Analogous

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



BFBF00



60D12C



00DA83

# Triad

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



60D12C



00D0FF



FF5E9C

# Complementary

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



60D12C



9D2CD1

# 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.



FF6AED



60D12C



00B8FF

# Square

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



60D12C



00DBFF



E493FF



FF7C4E

# Rectangle

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



60D12C



00DDBC



E493FF



FF5CB7

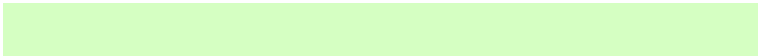


# Sweetspot

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



60D12C



D5FFC2



D19D2C



66805B



000000



808080



# Same Dimension

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



60D12C



59FF0D



2CD14A



61695E



35A800



0D2900



# Inverse Universe

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



9D2CD1



B30DFE



D12CB3



655E69



7300A8

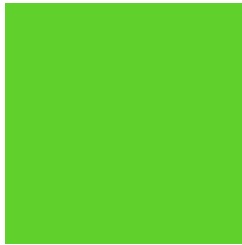


1C0029



# Previews

## White Background



This preview shows how the Hex color 60D12C looks on a white background.

## Color Contrast Check

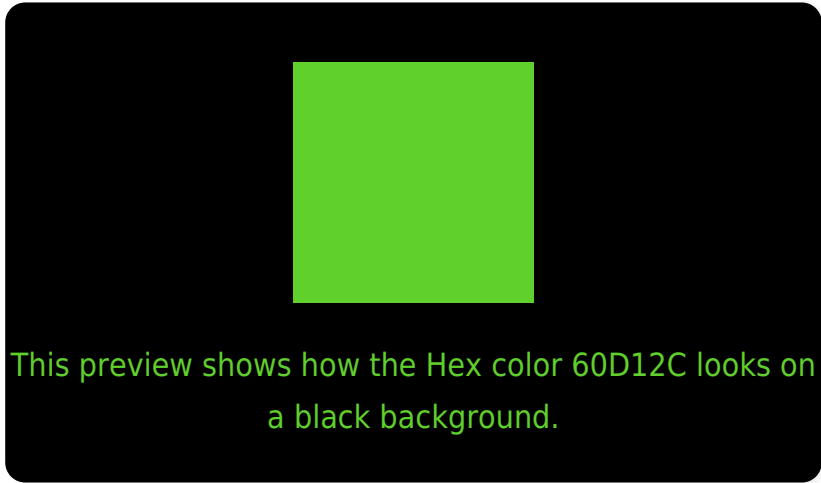
Large Text (above 18pt) WCAG AA × Fail

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

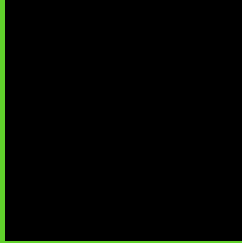
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 60D12C Background



This preview shows how black text looks on a background with the Hex color 60D12C.

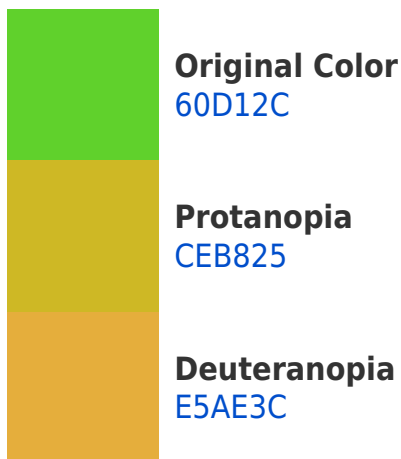


This preview shows how white text looks on a background with the Hex color 60D12C.

# 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**  
60D12C



**Protanomaly**  
A6C128



**Deuteranomaly**  
B5BB36



**Tritanomaly**  
72C896

# Monochromacy



**Original Color**  
60D12C



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
86AF73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60D12C 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 #60D12C looks like.

```
.text, #text, p{  
    color:#60D12C  
}
```

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 #60D12C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60D12C
}
```

## Border

The CSS property to change the border of an element to Hex 60D12C 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
#60D12C }
```

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

```
.border{ border-color:#60D12C }
```

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

Here you see how a box with a 4 pixel #60D12C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60D12C; -webkit-box-shadow:4px 4px  
4px 4px #60D12C; box-shadow:4px 4px 4px  
4px #60D12C }
```

# Background

The CSS property to change the background color of an element to Hex 60D12C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60D12C }
```

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

```
.background{ background-color:#60D12C }
```

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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