

# Converting Colors

Hex(60AC00)

Have a look what the booklet for  
Hex(60AC00) contains.

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**Color**

**Hex(60AC00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60AC00
RGB	96, 172, 0
RGB Percent	38%, 67%, 0%
CMY	0.6235, 0.3255, 1.0000
CMYK	0.44, 0.00, 1.00, 0.33
HSL	87°, 100%, 34%
HSV	87°, 100%, 67%
XYZ	19.5764, 31.9918, 5.1433
YIQ	129.6680, 9.9160, -69.6040

# Conversions

## Conversions Part 2

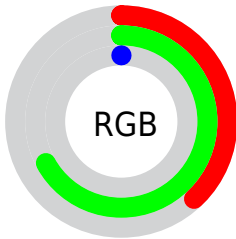
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 172, 76
Decimal	6335488
CIELab	63.34, -46.69, 64.49
CIELCh	63, 79.614, 125.902
Yxy	31.9918, 0.3452, 0.5641
Android (android.graphics.Color)	4284525568 (0xFF60AC00)
YUV	129.6680, -63.9263, -29.5268
Hunter-Lab	56.5613, -37.2019, 34.2015

# Details

The Hex color **60AC00** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **4C00AC**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **99E44B**, and **227700** is the 20% darker color. If you saturate the color by 10%, you get **60AC00**, and if you desaturate by 10%, it is **68AC11**.

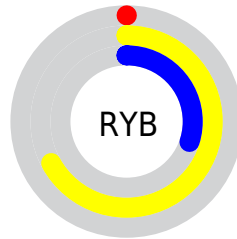
# Distribution



Red (38%)

Green (67%)

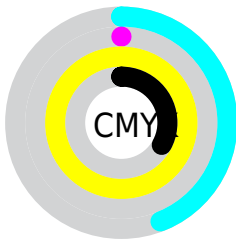
Blue (0%)



Red (0%)

Yellow (67%)

Blue (30%)

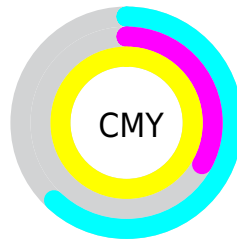


Cyan (44%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (62%)

Magenta (33%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60AC00 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 60AC00 by changing the saturation by 10% instead.



 60AC00

 60AC00

FFFFFF

 439100

 99E44B

 227700

 B6FF67

 005D00

 D4FF83

 004500

 F1FF9F

 002E00

 FFFFBB

 001400

 FFFFD8

 000000

 FFFFF6

 60AC00

 68AC11

 6FAC22

 77AC34

 7EAC45

 86AC56

 8EAC67

 95AC78

 9DAC8A

 A4AC9B

# Harmonies

## Analogous

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



AC9B00



60AC00



00B55C

# Triad

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



60AC00



00B0FF



FF468E

# Complementary

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



60AC00



4C00AC

# 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.



F85AD5



60AC00



009EFF

# Square

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



60AC00



00B8EB



AA7FFF



FF5D4A

# Rectangle

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



60AC00



00B88D



AA7FFF



FF48A6



# Sweetspot

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



60AC00



C3E09D



AC4B00



5E7048



F0F0F0



707070



# Same Dimension

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



60AC00



7DE000



0BAC00



53574E



549600



0D1700



# Inverse Universe

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



4C00AC



6300E0



A100AC



524E57



420096



0A0017



# Previews

## White Background



This preview shows how the Hex color 60AC00 looks on a white background.

## Color Contrast Check

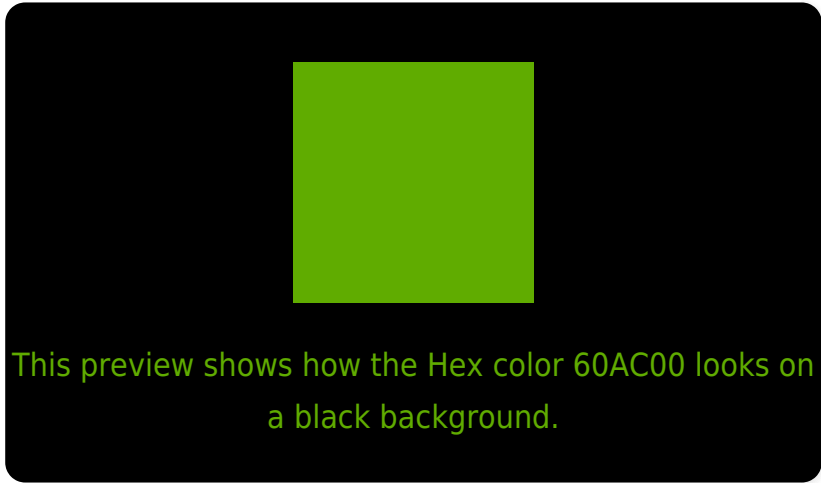
Large Text (above 18pt) WCAG AA × Fail

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 60AC00 Background



This preview shows how black text looks on a background with the Hex color 60AC00.

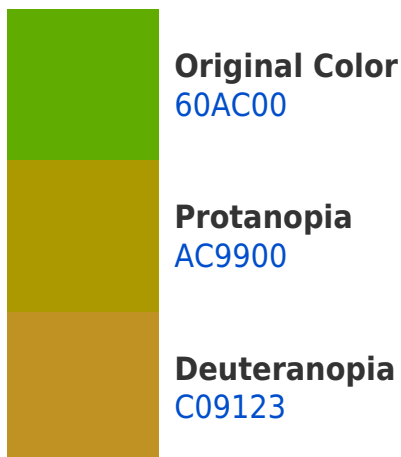


This preview shows how white text looks on a background with the Hex color 60AC00.

# 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](#).

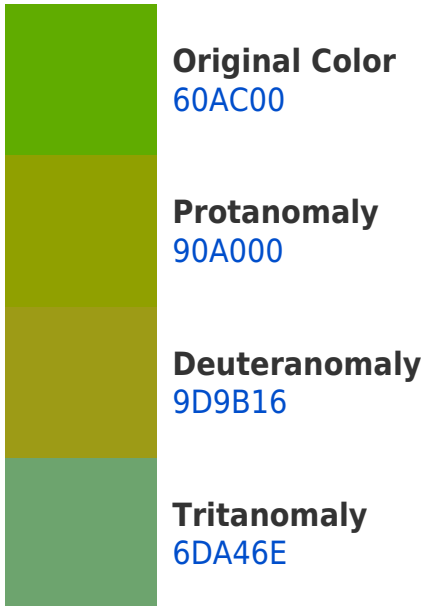
## Dichromacy





**Tritanopia**  
75A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60AC00 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 #60AC00 looks like.

```
.text, #text, p{  
    color:#60AC00  
}
```

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 #60AC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60AC00
}
```

## Border

The CSS property to change the border of an element to Hex 60AC00 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
#60AC00 }
```

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

```
.border{ border-color:#60AC00 }
```

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

Here you see how a box with a 4 pixel #60AC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60AC00; -webkit-box-shadow:4px 4px  
4px 4px #60AC00; box-shadow:4px 4px 4px  
4px #60AC00 }
```

# Background

The CSS property to change the background color of an element to Hex 60AC00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60AC00 }
```

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

```
.background{ background-color:#60AC00 }
```

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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