

Converting Colors

Hex(60EB00)

Have a look what the booklet for
Hex(60EB00) contains.

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Color

Hex(60EB00)

Conversions

Conversions Part 1

Format	Color
Hex	60EB00
RGB	96, 235, 0
RGB Percent	38%, 92%, 0%
CMY	0.6235, 0.0784, 1.0000
CMYK	0.59, 0.00, 1.00, 0.08
HSL	95°, 100%, 46%
HSV	95°, 100%, 92%
XYZ	34.5322, 61.9035, 10.1285
YIQ	166.6490, -7.4090, -102.5530

Conversions

Conversions Part 2

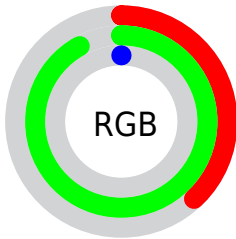
Format	Color
RYB	0, 235, 139
Decimal	6351616
CIELab	82.86, -69.35, 79.83
CIELCh	83, 105.748, 130.981
Yxy	61.9035, 0.3241, 0.5809
Android (android.graphics.Color)	4284541696 (0xFF60EB00)
YUV	166.6490, -82.1580, -61.9592
Hunter-Lab	78.6788, -59.3439, 47.4426

Details

The Hex color **60EB00** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **8B00EB**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A1FF59**, and **00B200** is the 20% darker color. If you saturate the color by 10%, you get **60EB00**, and if you desaturate by 10%, it is **6EEB17**.

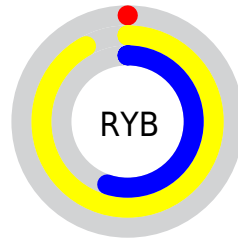
Distribution



Red (38%)

Green (92%)

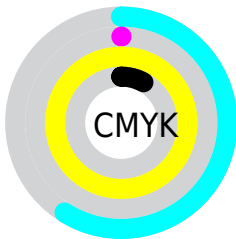
Blue (0%)



Red (0%)

Yellow (92%)

Blue (55%)

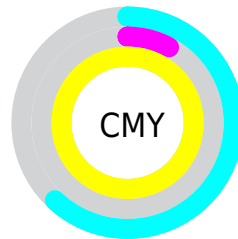


Cyan (59%)

Magenta (0%)

Yellow (100%)

Black (8%)



Cyan (62%)

Magenta (8%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60EB00 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 60EB00 by changing the saturation by 10% instead.

 60EB00

 60EB00

FFFFFF

 3ACE00

 A1FF59

 00B200

 C0FF77

 009600

 DFFF94

 007B00


 FEFFB2

 006100

 FFFFCF

 004700

 FFFFED

 002F00

 001200

 000000

 60EB00

 6EEB17

 7CEB2F

 8AEB47

 98EB5E

 A6EB76

 B3EB8D

 C1EBA4

 CFEBBC

 DDEBD3

Harmonies

Analogous

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



D7D600



60EB00



00F689

Triad

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



60EB00



00EBFF



FF52AE

Complementary

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



60EB00



8B00EB

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.



FF67FF



60EB00



00CFFF

Square

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



60EB00



00F7FF



FDA0FF



FF7F4F

Rectangle

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



60EB00



00F9CF



FDA0FF



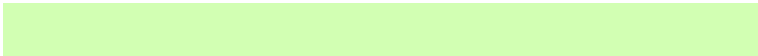
FF50D0

Sweetspot

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



60EB00



D2FFB3



EB8900



648052



000000



808080

Same Dimension

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



60EB00



68FF00



00EB14



6E756A



4AB500



163600

Inverse Universe

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



8B00EB



9700FF



EB00D7



716A75



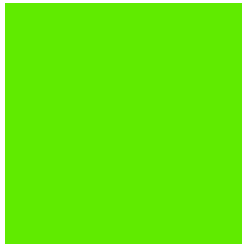
6B00B5



200036

Previews

White Background



This preview shows how the Hex color 60EB00 looks on a white background.

Color Contrast Check

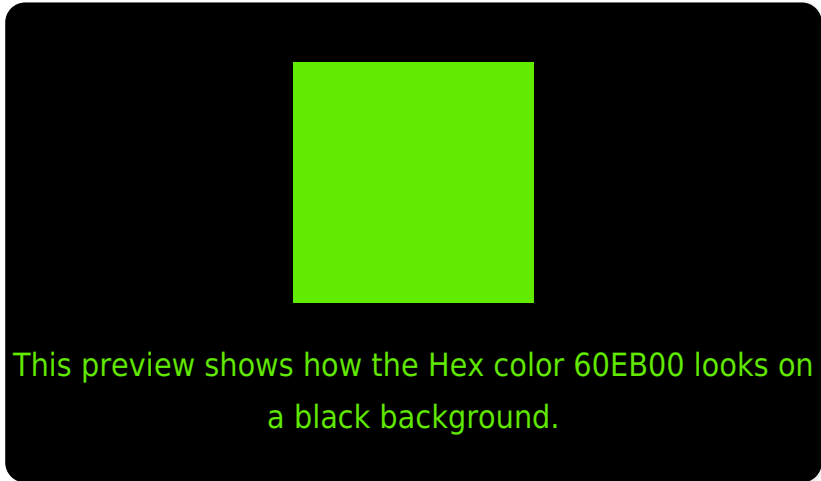
Large Text (above 18pt) WCAG AA × Fail

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

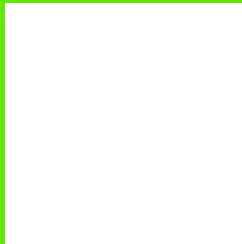
Any Text WCAG AAA ✓ Pass

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

Hex 60EB00 Background



This preview shows how black text looks on a background with the Hex color 60EB00.

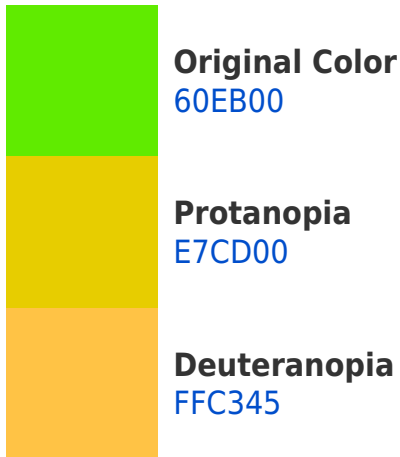


This preview shows how white text looks on a background with the Hex color 60EB00.

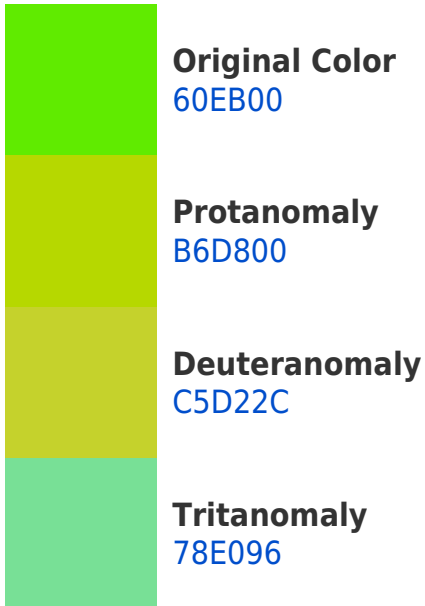
Color Blindness Simulation

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](#).

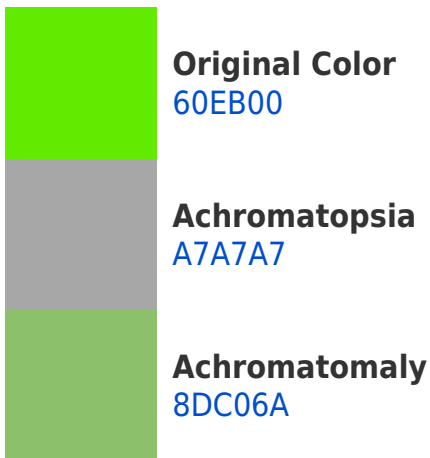
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 60EB00 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 #60EB00 looks like.

```
.text, #text, p{  
    color:#60EB00  
}
```

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 #60EB00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60EB00
}
```

Border

The CSS property to change the border of an element to Hex 60EB00 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
#60EB00 }
```

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

```
.border{ border-color:#60EB00 }
```

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

Here you see how a box with a 4 pixel #60EB00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60EB00; -webkit-box-shadow:4px 4px  
4px 4px #60EB00; box-shadow:4px 4px 4px  
4px #60EB00 }
```

Background

The CSS property to change the background color of an element to Hex 60EB00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60EB00 }
```

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

```
.background{ background-color:#60EB00 }
```

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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