

Converting Colors

Hex(64FF12)

Have a look what the booklet for
Hex(64FF12) contains.

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Color

Hex(64FF12)

Conversions

Conversions Part 1

Format	Color
Hex	64FF12
RGB	100, 255, 18
RGB Percent	39%, 100%, 7%
CMY	0.6078, 0.0000, 0.9294
CMYK	0.61, 0.00, 0.93, 0.00
HSL	99°, 100%, 54%
HSV	99°, 93%, 100%
XYZ	41.1247, 74.2730, 12.7409
YIQ	181.6370, -16.3030, -106.5670

Conversions

Conversions Part 2

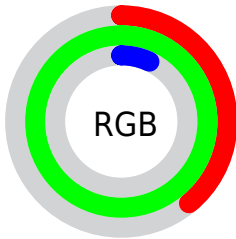
Format	Color
RYB	18, 255, 173
Decimal	6618898
CIELab	89.05, -74.63, 83.30
CIELCh	89, 111.844, 131.859
Yxy	74.2730, 0.3209, 0.5796
Android (android.graphics.Color)	4284808978 (0xFF64FF12)
YUV	181.6370, -80.6730, -71.5956
Hunter-Lab	86.1818, -65.6405, 51.5620

Details

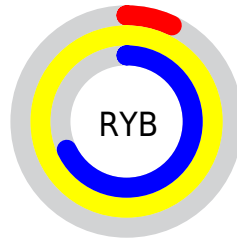
The Hex color **64FF12** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark washed chartreuse. A complement of this color would be **AD12FF**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **A7FF61**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **58FF00**, and if you desaturate by 10%, it is **75FF2C**.

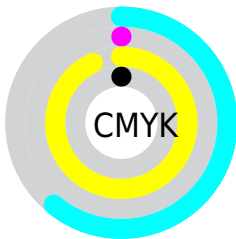
Distribution



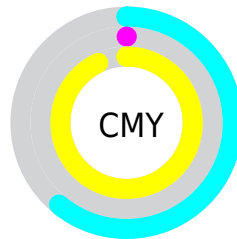
- Red (39%)
- Green (100%)
- Blue (7%)



- Red (7%)
- Yellow (100%)
- Blue (68%)



- Cyan (61%)
- Magenta (0%)
- Yellow (93%)
- Black (0%)



- Cyan (61%)
- Magenta (0%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64FF12 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 64FF12 by changing the saturation by 10% instead.

 64FF12

 64FF12

FFFFFF

 3CE200

 A7FF61

 00C500

 C6FF80

 00A900

 E6FF9D

 008D00

 FFFFBB

 007200

 FFFFD9

 005800

 FFFFF7

 003F00

 002500

 000000

 64FF12

 64FF12

 58FF00

 75FF2C

 85FF45

 96FF5F

 A7FF78

 B7FF92

 C8FFAB

 D9FFC5

 E9FFDE

 FAFFF8

Harmonies

Analogous

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



E6E800



64FF12



00FF99

Triad

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



64FF12



00FEFF



FF5CBA

Complementary

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



64FF12



AD12FF

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.



FF70FF



64FF12



00DFFF

Square

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



64FF12



00FFFF



FFADFF



FF8D53

Rectangle

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



64FF12



00FFE4



FFADFF



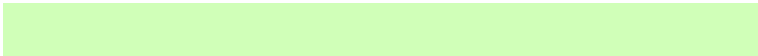
FF59DE

Sweetspot

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



64FF12



D0FFB8



FFAC12



638054



000000



808080

Same Dimension

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



64FF12



58FF00



12FF36



778073



42BF00



164000

Inverse Universe

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



AD12FF



A700FF



FF12DB



7B7380



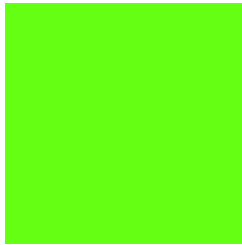
7D00BF



2A0040

Previews

White Background



This preview shows how the Hex color 64FF12 looks on a white background.

Color Contrast Check

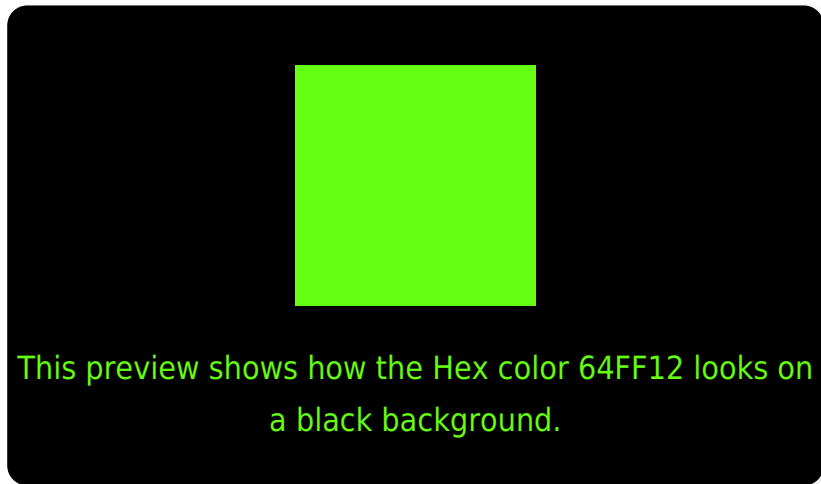
Large Text (above 18pt) WCAG AA × Fail

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

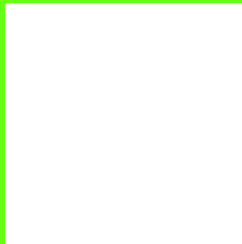
Any Text WCAG AAA ✓ Pass

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

Hex 64FF12 Background



This preview shows how black text looks on a background with the Hex color 64FF12.

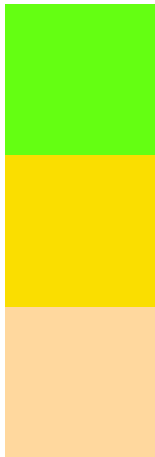


This preview shows how white text looks on a background with the Hex color 64FF12.

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](#).

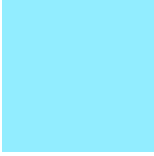
Dichromacy



Original Color
64FF12

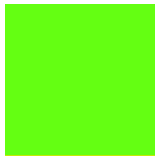
Protanopia
FADE00

Deuteranopia
FFD89E



Tritanopia
92EDFF

Trichromacy



Original Color

64FF12



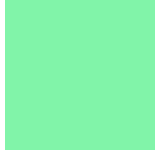
Protanomaly

C3EA07



Deuteranomaly

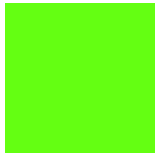
C7E66B



Tritanomaly

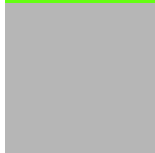
81F4A9

Monochromacy



Original Color

64FF12



Achromatopsia

B6B6B6



Achromatomaly

98D17A

CSS Examples

Text

The CSS property to change the color of the text to Hex 64FF12 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 #64FF12 looks like.

```
.text, #text, p{  
    color:#64FF12  
}
```

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 #64FF12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64FF12
}
```

Border

The CSS property to change the border of an element to Hex 64FF12 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
#64FF12 }
```

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

```
.border{ border-color:#64FF12 }
```

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

Here you see how a box with a 4 pixel #64FF12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64FF12; -webkit-box-shadow:4px 4px  
4px 4px #64FF12; box-shadow:4px 4px 4px  
4px #64FF12 }
```

Background

The CSS property to change the background color of an element to Hex 64FF12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64FF12 }
```

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

```
.background{ background-color:#64FF12 }
```

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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