

Converting Colors

Hex(64FA00)

Have a look what the booklet for
Hex(64FA00) contains.

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Color

Hex(64FA00)

Conversions

Conversions Part 1

Format	Color
Hex	64FA00
RGB	100, 250, 0
RGB Percent	39%, 98%, 0%
CMY	0.6078, 0.0196, 1.0000
CMYK	0.60, 0.00, 1.00, 0.02
HSL	96°, 100%, 49%
HSV	96°, 100%, 98%
XYZ	39.4411, 71.0805, 11.6412
YIQ	176.6500, -9.1500, -109.5500

Conversions

Conversions Part 2

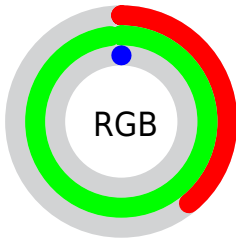
Format	Color
RYB	0, 250, 150
Decimal	6617600
CIELab	87.52, -73.28, 83.57
CIELCh	88, 111.147, 131.249
Yxy	71.0805, 0.3229, 0.5819
Android (android.graphics.Color)	4284807680 (0xFF64FA00)
YUV	176.6500, -87.0885, -67.2221
Hunter-Lab	84.3093, -64.0363, 50.8299

Details

The Hex color **64FA00** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **9600FA**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **A6FF5C**, and **00C000** is the 20% darker color. If you saturate the color by 10%, you get **64FA00**, and if you desaturate by 10%, it is **73FA19**.

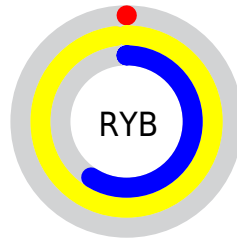
Distribution



Red (39%)

Green (98%)

Blue (0%)



Red (0%)

Yellow (98%)

Blue (59%)

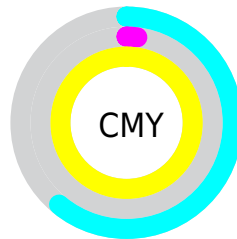


Cyan (60%)

Magenta (0%)

Yellow (100%)

Black (2%)



Cyan (61%)

Magenta (2%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64FA00 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 64FA00 by changing the saturation by 10% instead.

 64FA00

 64FA00

FFFFFF

 3DDD00

 A6FF5C

 00C000

 C6FF7A

 00A400

 E5FF98

 008900

 FFFFB6

 006E00

 FFFFD4

 005400

 FFFFF2

 003C00

 002200

 000000

 64FA00

 73FA19

 82FA32

 91FA4B

 A0FA64

 AFFA7D

 BEFA96

 CDFAAF

 DCFAC8

 EBFAE1

Harmonies

Analogous

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



E3E300



64FA00



00FF93

Triad

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



64FA00



00FAFF



FF56B8

Complementary

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



64FA00



9600FA

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.



FF6DFF



64FA00



00DCFF

Square

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



64FA00



00FFFF



FFAAFF



FF8853

Rectangle

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



64FA00



00FFDD



FFAAFF



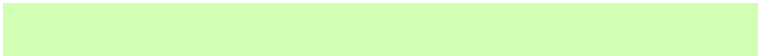
FF54DC

Sweetspot

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



64FA00



D1FFB3



FA9600



648052



000000



808080

Same Dimension

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



64FA00



66FF00



00FA19



757D70



4BBD00



183D00

Inverse Universe

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



9600FA



9900FF



FA00E1



78707D



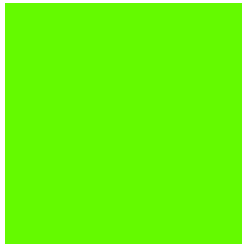
7100BD



25003D

Previews

White Background



This preview shows how the Hex color 64FA00 looks on a white background.

Color Contrast Check

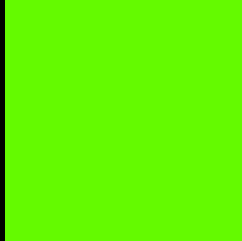
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 64FA00 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

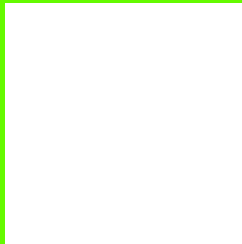
Any Text WCAG AAA ✓ Pass

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

Hex 64FA00 Background



This preview shows how black text looks on a background with the Hex color 64FA00.



This preview shows how white text looks on a background with the Hex color 64FA00.

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](#).

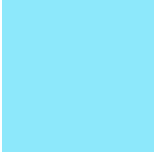
Dichromacy



Original Color
64FA00

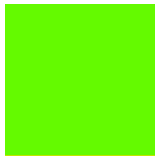
Protanopia
F5DA00

Deuteranopia
FFD28E



Tritanopia
8DE8FB

Trichromacy



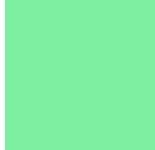
Original Color
64FA00



Protanomaly
C0E600

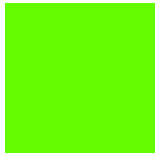


Deuteranomaly
C7E15A

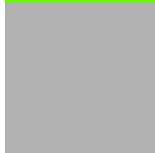


Tritanomaly
7EEFA0

Monochromacy



Original Color
64FA00



Achromatopsia
B1B1B1



Achromatomaly
95CC71

CSS Examples

Text

The CSS property to change the color of the text to Hex 64FA00 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 #64FA00 looks like.

```
.text, #text, p{  
    color:#64FA00  
}
```

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 #64FA00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64FA00
}
```

Border

The CSS property to change the border of an element to Hex 64FA00 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
#64FA00 }
```

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

```
.border{ border-color:#64FA00 }
```

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

Here you see how a box with a 4 pixel #64FA00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64FA00; -webkit-box-shadow:4px 4px  
4px 4px #64FA00; box-shadow:4px 4px 4px  
4px #64FA00 }
```

Background

The CSS property to change the background color of an element to Hex 64FA00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64FA00 }
```

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

```
.background{ background-color:#64FA00 }
```

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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