

Converting Colors

Hex(64EF5B)

Have a look what the booklet for
Hex(64EF5B) contains.

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Color

Hex(64EF5B)

Conversions

Conversions Part 1

Format	Color
Hex	64EF5B
RGB	100, 239, 91
RGB Percent	39%, 94%, 36%
CMY	0.6078, 0.0627, 0.6431
CMYK	0.58, 0.00, 0.62, 0.06
HSL	116°, 82%, 65%
HSV	116°, 62%, 94%
XYZ	38.0104, 65.1977, 20.4786
YIQ	180.5670, -35.3360, -75.4960

Conversions

Conversions Part 2

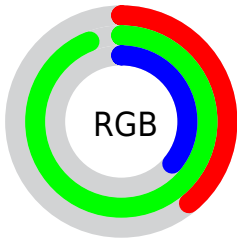
Format	Color
RYB	91, 239, 230
Decimal	6614875
CIELab	84.59, -65.18, 58.83
CIELCh	85, 87.808, 137.930
Yxy	65.1977, 0.3073, 0.5271
Android (android.graphics.Color)	4284804955 (0xFF64EF5B)
YUV	180.5670, -44.1565, -70.6573
Hunter-Lab	80.7451, -57.2758, 41.4844

Details

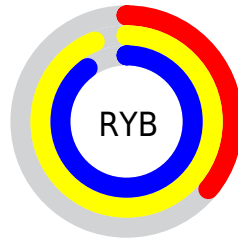
The Hex color **64EF5B** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **E65BEF**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **A2FF92**, and **0BB621** is the 20% darker color. If you saturate the color by 10%, you get **4EEF43**, and if you desaturate by 10%, it is **7AEF73**.

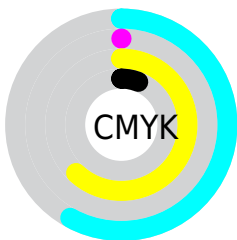
Distribution



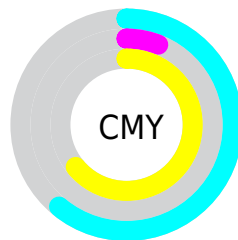
- Red (39%)
- Green (94%)
- Blue (36%)



- Red (36%)
- Yellow (94%)
- Blue (90%)



- Cyan (58%)
- Magenta (0%)
- Yellow (62%)
- Black (6%)



- Cyan (61%)
- Magenta (6%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64EF5B 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 64EF5B by changing the saturation by 10% instead.

 64EF5B

 64EF5B


FFFFFF

 41D23F

 A2FF92

 0BB621

 C1FFAE

 009A00

 DFFFCA

 007F00

 FEF7E7

 006500

 004B00

 003400

 001900

 000000


 64EF5B

 64EF5B

 4EEF43

 7AEF73

 37EF2B

 91EF8B

 21EF13

 A7EFA3

 0FEF00

 BEEFBB

 D4EFD3

 EBEFEA

 FFEFFF

Harmonies

Analogous

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



CCDE00



64EF5B



00F7AE

Triad

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



64EF5B



00E6FF



FF82A5

Complementary

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



64EF5B



E65BEF

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.



FF84F8



64EF5B



8ACBFF

Square

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



64EF5B



00F5FF



FFA6FF



FFA059

Rectangle

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



64EF5B



00FAE8



FFA6FF



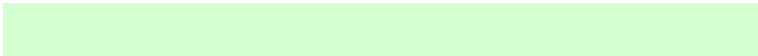
FF7EC1

Sweetspot

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



64EF5B



D1FFCF



EFE55B



648062



000000



808080

Same Dimension

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



64EF5B



4EFF42



5BEF9B



6D786C



0BB800



033800

Inverse Universe

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



E65BEF



F442FF



EF5BAF



776C78



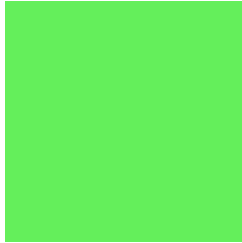
AC00B8



350038

Previews

White Background



This preview shows how the Hex color 64EF5B 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 64EF5B Background



This preview shows how black text looks on a background with the Hex color 64EF5B.

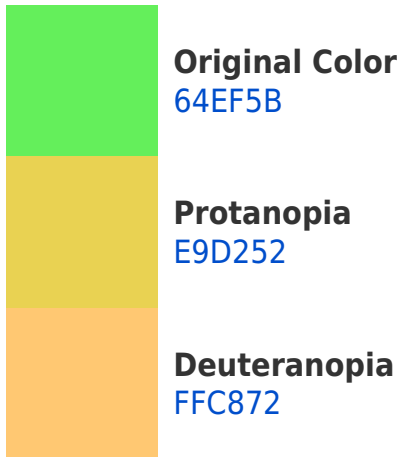


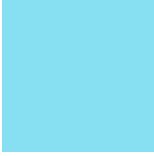
This preview shows how white text looks on a background with the Hex color 64EF5B.

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](#).

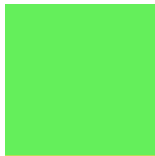
Dichromacy





Tritanopia
86E0F2

Trichromacy



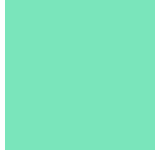
Original Color
64EF5B



Protanomaly
B9DD55



Deuteranomaly
C7D66A

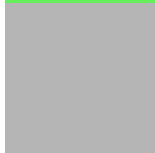


Tritanomaly
7AE5BB

Monochromacy



Original Color
64EF5B



Achromatopsia
B5B5B5



Achromatomaly
98CA94

CSS Examples

Text

The CSS property to change the color of the text to Hex 64EF5B 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 #64EF5B looks like.

```
.text, #text, p{  
    color:#64EF5B  
}
```

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 #64EF5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64EF5B
}
```

Border

The CSS property to change the border of an element to Hex 64EF5B 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
#64EF5B }
```

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

```
.border{ border-color:#64EF5B }
```

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

Here you see how a box with a 4 pixel #64EF5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64EF5B; -webkit-box-shadow:4px 4px  
4px 4px #64EF5B; box-shadow:4px 4px 4px  
4px #64EF5B }
```

Background

The CSS property to change the background color of an element to Hex 64EF5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64EF5B }
```

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

```
.background{ background-color:#64EF5B }
```

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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