

Converting Colors

Hex(6EF050)

Have a look what the booklet for
Hex(6EF050) contains.

Hex(6EF050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6EF050)

Conversions

Conversions Part 1

Format	Color
Hex	6EF050
RGB	110, 240, 80
RGB Percent	43%, 94%, 31%
CMY	0.5686, 0.0588, 0.6863
CMYK	0.54, 0.00, 0.67, 0.06
HSL	109°, 84%, 63%
HSV	109°, 67%, 94%
XYZ	39.0385, 66.2144, 18.3125
YIQ	182.8900, -26.1200, -77.3200

Conversions

Conversions Part 2

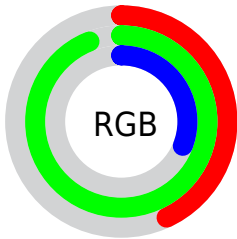
Format	Color
RYB	80, 240, 210
Decimal	7270480
CIELab	85.11, -64.13, 63.92
CIELCh	85, 90.549, 135.094
Yxy	66.2144, 0.3159, 0.5359
Android (android.graphics.Color)	4285460560 (0xFF6EF050)
YUV	182.8900, -50.7248, -63.9245
Hunter-Lab	81.3722, -56.7657, 43.6175

Details

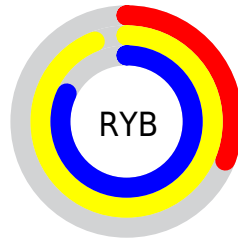
The Hex color **6EF050** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **D250F0**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **ABFF88**, and **25B70A** is the 20% darker color. If you saturate the color by 10%, you get **5BF038**, and if you desaturate by 10%, it is **82F068**.

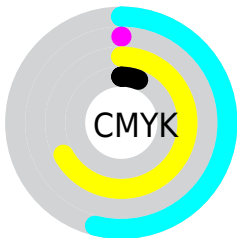
Distribution



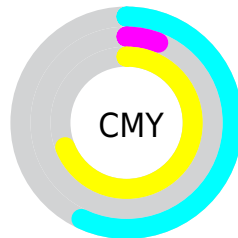
- Red (43%)
- Green (94%)
- Blue (31%)



- Red (31%)
- Yellow (94%)
- Blue (82%)



- Cyan (54%)
- Magenta (0%)
- Yellow (67%)
- Black (6%)



- Cyan (57%)
- Magenta (6%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EF050 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 6EF050 by changing the saturation by 10% instead.

 6EF050

 6EF050

FFFFFF

 4DD332

 ABFF88

 25B70A

 CAFFA4

 009B00

 E8FFC1

 008000

 FFFFDE

 006600

 FFFFFB

 004C00

 003500

 001A00

 000000

 6EF050

 6EF050

 5BF038

 82F068

 47F020

 95F080

 34F008

 A9F098

 2DF000

 BCF0B0

 CFF0C8

 E3F0E0

 F6F0F8

 FFF0FF

Harmonies

Analogous

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



D5DE00



6EF050



00F9A5

Triad

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



6EF050



00EAFB



FF7DAD

Complementary

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



6EF050



D250F0

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.



FF84FF



6EF050



6DD0FF

Square

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



6EF050



00F8FF



FFA9FF



FF9C5D

Rectangle

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



6EF050



00FCE1



FFA9FF



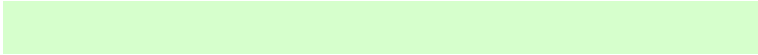
FF7ACA

Sweetspot

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



6EF050



D6FFCC



F0D050



678061



000000



808080

Same Dimension

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



6EF050



59FF33



50F080



6E786C



22B800



0B3800

Inverse Universe

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



D250F0



D933FF



F050C0



766C78



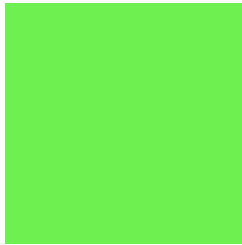
9500B8



2E0038

Previews

White Background



This preview shows how the Hex color 6EF050 looks on a white background.

Color Contrast Check

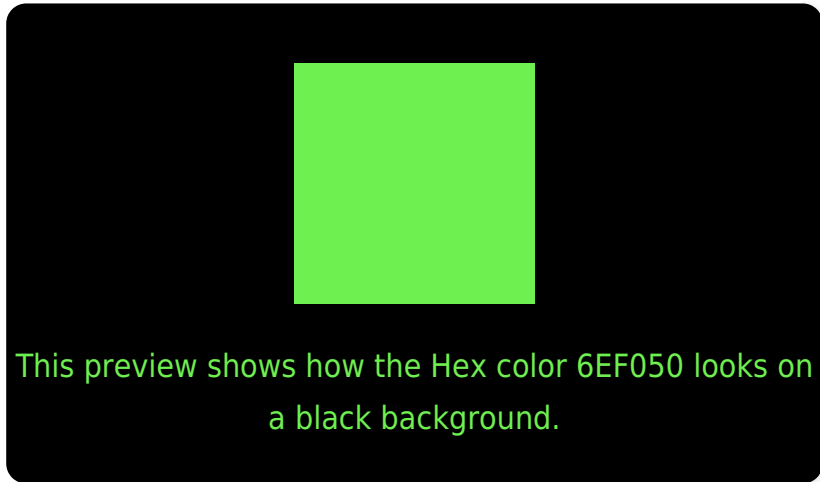
Large Text (above 18pt) WCAG AA × Fail

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

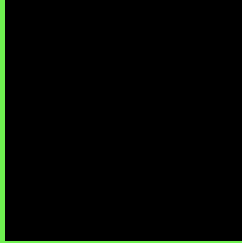
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

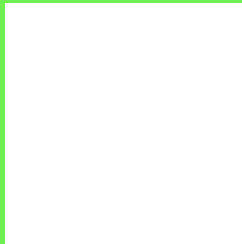
Any Text WCAG AAA ✓ Pass

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

Hex 6EF050 Background



This preview shows how black text looks on a background with the Hex color 6EF050.

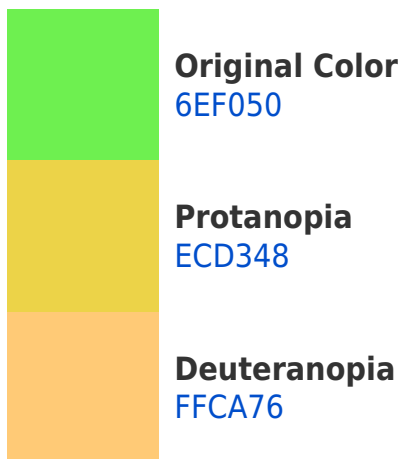


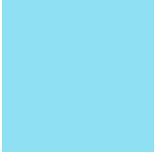
This preview shows how white text looks on a background with the Hex color 6EF050.

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
8EE0F2

Trichromacy



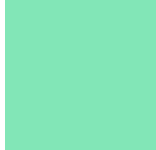
Original Color
6EF050



Protanomaly
BEDE4B

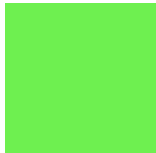


Deuteranomaly
CAD868

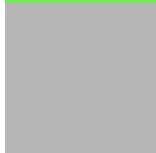


Tritanomaly
82E6B7

Monochromacy



Original Color
6EF050



Achromatopsia
B7B7B7



Achromatomaly
9CCC92

CSS Examples

Text

The CSS property to change the color of the text to Hex 6EF050 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 #6EF050 looks like.

```
.text, #text, p{  
    color:#6EF050  
}
```

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 #6EF050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EF050
}
```

Border

The CSS property to change the border of an element to Hex 6EF050 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
#6EF050 }
```

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

```
.border{ border-color:#6EF050 }
```

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

Here you see how a box with a 4 pixel #6EF050 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EF050; -webkit-box-shadow:4px 4px  
4px 4px #6EF050; box-shadow:4px 4px 4px  
4px #6EF050 }
```

Background

The CSS property to change the background color of an element to Hex 6EF050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EF050 }
```

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

```
.background{ background-color:#6EF050 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor