

Converting Colors

Hex(6CF034)

Have a look what the booklet for
Hex(6CF034) contains.

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Color

Hex(6CF034)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6CF034 |
| RGB | 108, 240, 52 |
| RGB Percent | 42%, 94%, 20% |
| CMY | 0.5765, 0.0588, 0.7961 |
| CMYK | 0.55, 0.00, 0.78, 0.06 |
| HSL | 102°, 86%, 57% |
| HSV | 102°, 78%, 94% |
| XYZ | 37.9643, 65.7563, 13.9401 |
| YIQ | 179.1000, -18.3240, -86.4520 |

Conversions

Conversions Part 2

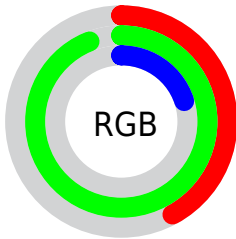
| Format | Color |
|-------------------------------------|--|
| RYB | 52, 240, 184 |
| Decimal | 7139380 |
| CIELab | 84.87, -66.57, 73.12 |
| CIELCh | 85, 98.879, 132.315 |
| Yxy | 65.7563, 0.3227, 0.5589 |
| Android (android.graphics.Color) | 4285329460 (0xFF6CF034) |
| YUV | 179.1000, -62.6603, -62.3547 |
| Hunter-Lab | 81.0902, -58.3390, 46.5707 |

Details

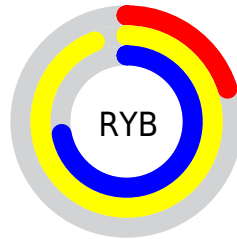
The Hex color **6CF034** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **B834F0**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **ABFF71**, and **1DB700** is the 20% darker color. If you saturate the color by 10%, you get **5BF01C**, and if you desaturate by 10%, it is **7DF04C**.

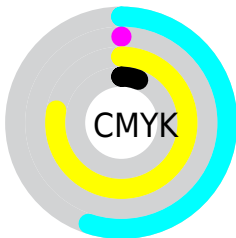
Distribution



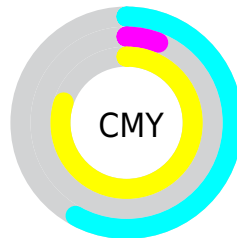
- Red (42%)
- Green (94%)
- Blue (20%)



- Red (20%)
- Yellow (94%)
- Blue (72%)



- Cyan (55%)
- Magenta (0%)
- Yellow (78%)
- Black (6%)



- Cyan (58%)
- Magenta (6%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CF034 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 6CF034 by changing the saturation by 10% instead.

 6CF034

 6CF034

FFFFFF

 4AD301

 ABFF71

 1DB700

 C9FF8E

 009B00

 E8FFAB

 008000

 FFFFC8

 006600

 FFFF E5

 004C00

 003500

 001A00

 000000

 6CF034

 6CF034

 5BF01C

 7DF04C

 4AF004

 8EF064

 47F000

 9FF07C

 AFF094

 C0F0AC

 D1F0C4

 E2F0DC

 F3F0F4

 FFF0FF

Harmonies

Analogous

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



DADC00



6CF034



00FA97

Triad

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



6CF034



00EEFF



FF6BB2

Complementary

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



6CF034



B834F0

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.



FF79FF



6CF034



00D2FF

Square

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



6CF034



00FBFF



FFA8FF



FF8F59

Rectangle

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



6CF034



00FDD9



FFA8FF



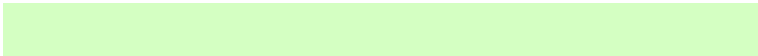
FF69D1

Sweetspot

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



6CF034



D4FFC2



F0B834



66805B



000000



808080

Same Dimension

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



6CF034



57FF0F



34F05A



6F786C



37B800



113800

Inverse Universe

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



B834F0



B80FFF



F034CA



746C78



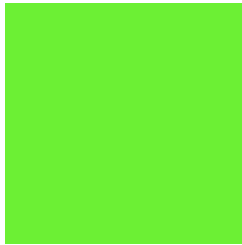
8100B8



270038

Previews

White Background



This preview shows how the Hex color 6CF034 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 6CF034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

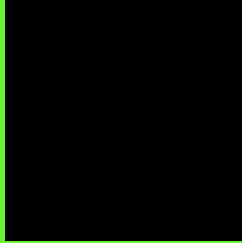
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

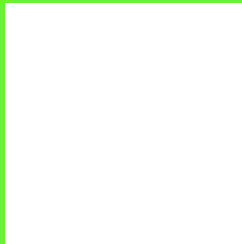
Any Text WCAG AAA ✓ Pass

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

Hex 6CF034 Background



This preview shows how black text looks on a background with the Hex color 6CF034.

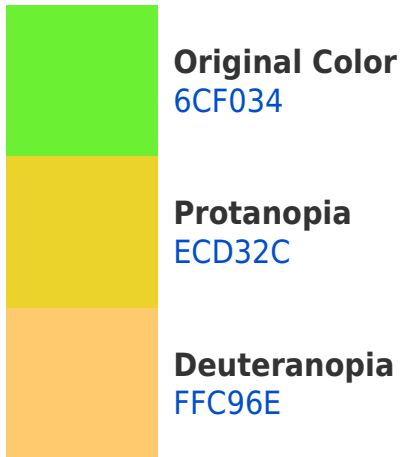


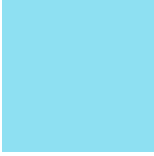
This preview shows how white text looks on a background with the Hex color 6CF034.

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](#).

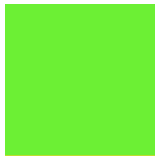
Dichromacy





Tritanopia
8EE0F2

Trichromacy



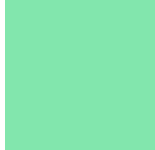
Original Color
6CF034



Protanomaly
BDDE2F



Deuteranomaly
CAD759

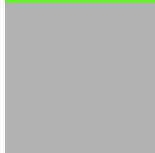


Tritanomaly
82E6AD

Monochromacy



Original Color
6CF034



Achromatopsia
B3B3B3



Achromatomaly
99C985

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CF034 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 #6CF034 looks like.

```
.text, #text, p{  
    color:#6CF034  
}
```

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 #6CF034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CF034
}
```

Border

The CSS property to change the border of an element to Hex 6CF034 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
#6CF034 }
```

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

```
.border{ border-color:#6CF034 }
```

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

Here you see how a box with a 4 pixel #6CF034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CF034; -webkit-box-shadow:4px 4px  
4px 4px #6CF034; box-shadow:4px 4px 4px  
4px #6CF034 }
```

Background

The CSS property to change the background color of an element to Hex 6CF034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CF034 }
```

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

```
.background{ background-color:#6CF034 }
```

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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