

Converting Colors

Hex(6CF24D)

Have a look what the booklet for
Hex(6CF24D) contains.

Hex(6CF24D)	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(6CF24D)

Conversions

Conversions Part 1

Format	Color
Hex	6CF24D
RGB	108, 242, 77
RGB Percent	42%, 95%, 30%
CMY	0.5765, 0.0510, 0.6980
CMYK	0.55, 0.00, 0.68, 0.05
HSL	109°, 86%, 63%
HSV	109°, 68%, 95%
XYZ	39.2760, 67.2282, 17.9275
YIQ	183.1240, -26.8990, -79.7230

Conversions

Conversions Part 2

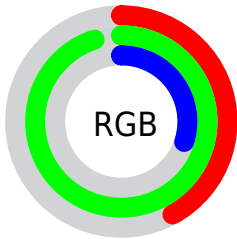
Format	Color
RYB	77, 242, 211
Decimal	7139917
CIELab	85.62, -65.59, 65.59
CIELCh	86, 92.758, 135.003
Yxy	67.2282, 0.3156, 0.5403
Android (android.graphics.Color)	4285329997 (0xFF6CF24D)
YUV	183.1240, -52.3191, -65.8837
Hunter-Lab	81.9928, -57.9827, 44.4314

Details

The Hex color **6CF24D** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed chartreuse. A complement of this color would be **D34DF2**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **AAFF85**, and **1FB900** is the 20% darker color. If you saturate the color by 10%, you get **58F235**, and if you desaturate by 10%, it is **80F265**.

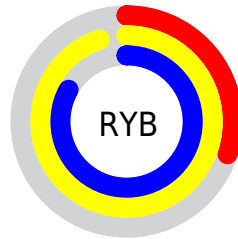
Distribution



Red (42%)

Green (95%)

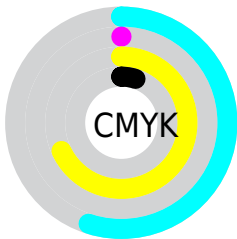
Blue (30%)



Red (30%)

Yellow (95%)

Blue (83%)

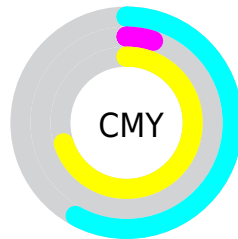


Cyan (55%)

Magenta (0%)

Yellow (68%)

Black (5%)



Cyan (58%)

Magenta (5%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CF24D 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 6CF24D by changing the saturation by 10% instead.

 6CF24D

 6CF24D

FFFFFF

 4AD52F

 AAFF85

 1FB900

 C9FFA2

 009D00

 E7FFBE

 008200

 FFFFDB

 006700

 FFFFF9

 004E00

 003700

 001C00

 000000

 6CF24D

 6CF24D

 58F235

 80F265

 45F21D

 93F27D

 31F204

 A7F296

 2DF200

 BBF2AE

 CEF2C6

 E2F2DE

 F6F2F6

 FFF2FF

Harmonies

Analogous

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



D6E000



6CF24D



00FBA5

Triad

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



6CF24D



00EDFF



FF7BAE

Complementary

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



6CF24D



D34DF2

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.



FF82FF



6CF24D



67D1FF

Square

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



6CF24D



00FAFF



FFA9FF



FF9B5C

Rectangle

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



6CF24D



00FEE3



FFA9FF



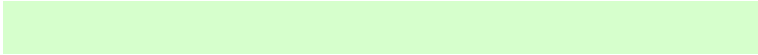
FF78CB

Sweetspot

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



6CF24D



D6FFCC



F2D14D



678061



000000



808080

Same Dimension

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



6CF24D



55FF2E



4DF27F



6E786C



22B800



0B3800

Inverse Universe

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



D34DF2



D82EFF



F24DC1



766C78



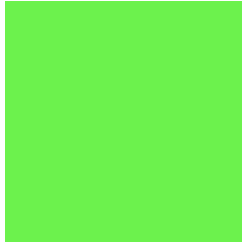
9500B8



2E0038

Previews

White Background



This preview shows how the Hex color 6CF24D 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 6CF24D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

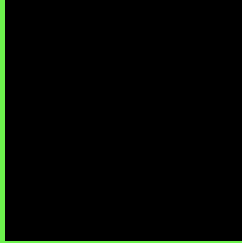
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

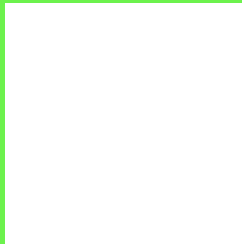
Any Text WCAG AAA ✓ Pass

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

Hex 6CF24D Background



This preview shows how black text looks on a background with the Hex color 6CF24D.

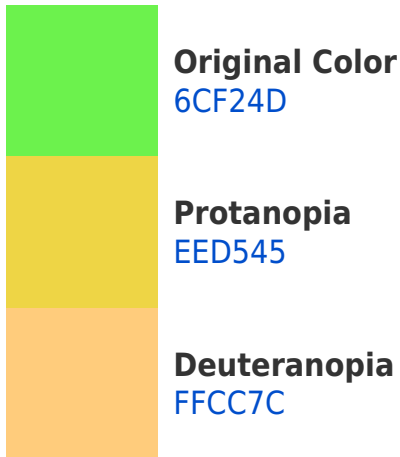


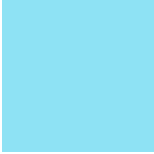
This preview shows how white text looks on a background with the Hex color 6CF24D.

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](#).

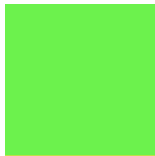
Dichromacy





Tritanopia
8EE2F4

Trichromacy



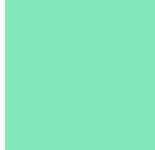
Original Color
6CF24D



Protanomaly
BFE048

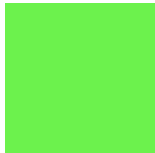


Deuteranomaly
CADA6B

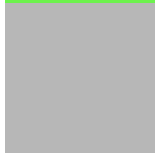


Tritanomaly
82E8B7

Monochromacy



Original Color
6CF24D



Achromatopsia
B7B7B7



Achromatomaly
9CCC90

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CF24D 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 #6CF24D looks like.

```
.text, #text, p{  
    color:#6CF24D  
}
```

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 #6CF24D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CF24D }  
}
```

Border

The CSS property to change the border of an element to Hex 6CF24D 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 #6CF24D }  
}
```

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

```
.border{ border-color:#6CF24D }
```

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

Here you see how a box with a 4 pixel #6CF24D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CF24D; -webkit-box-shadow:4px 4px  
4px 4px #6CF24D; box-shadow:4px 4px 4px  
4px #6CF24D }
```

Background

The CSS property to change the background color of an element to Hex 6CF24D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CF24D }
```

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

```
.background{ background-color:#6CF24D }
```

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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