

Converting Colors

Hex(CCF04A)

Have a look what the booklet for
Hex(CCF04A) contains.

Hex(CCF04A)	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(CCF04A)

Conversions

Conversions Part 1

Format	Color
Hex	CCF04A
RGB	204, 240, 74
RGB Percent	80%, 94%, 29%
CMY	0.2000, 0.0588, 0.7098
CMYK	0.15, 0.00, 0.69, 0.06
HSL	73°, 85%, 62%
HSV	73°, 69%, 94%
XYZ	57.2980, 75.6520, 18.0609
YIQ	210.3120, 31.8300, -59.2580

Conversions

Conversions Part 2

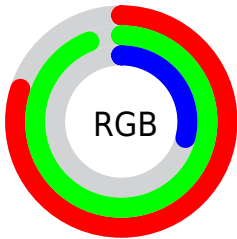
Format	Color
RYB	74, 240, 110
Decimal	13430858
CIELab	89.70, -33.21, 72.35
CIELCh	90, 79.607, 114.658
Yxy	75.6520, 0.3794, 0.5010
Android (android.graphics.Color)	4291620938 (0xFFCCCF04A)
YUV	210.3120, -67.2018, -5.5356
Hunter-Lab	86.9781, -34.6226, 48.5732

Details

The Hex color **CCF04A** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed yellow. A complement of this color would be **6E4AF0**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF84**, and **92B800** is the 20% darker color. If you saturate the color by 10%, you get **C7F032**, and if you desaturate by 10%, it is **D1F062**.

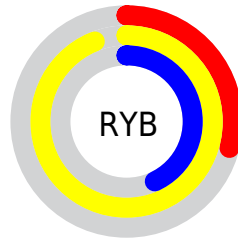
Distribution



Red (80%)

Green (94%)

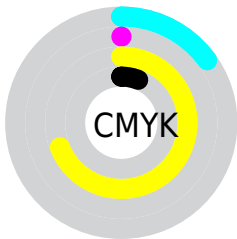
Blue (29%)



Red (29%)

Yellow (94%)

Blue (43%)

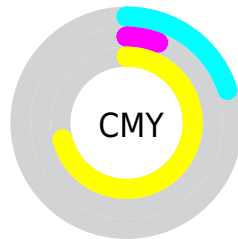


Cyan (15%)

Magenta (0%)

Yellow (69%)

Black (6%)



Cyan (20%)

Magenta (6%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCF04A 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 CCF04A by changing the saturation by 10% instead.

 CCF04A

 CCF04A

FFFFFF

 AFD42A

 FFFF84

 92B800

 FFFFA0

 769D00

 FFFFBD

 598300

 FFFFDA

 3E6900

 FFFFF8

 205100

 003A00

 002500

 000000

 CCF04A

 CCF04A

 C7F032

 D1F062

 C2F01A

 D6F07A

 BCF002

 DCF092

 BCF000

 E1F0AA

 E6F0C2

 EBF0DA

 F0F0F2

 F6F0FF

 FBF0FF

Harmonies

Analogous

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



FFD93C



CCF04A



67FE85

Triad

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



CCF04A



00FFFF



FF9CF2

Complementary

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



CCF04A



6E4AF0

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.



FFB2FF



CCF04A



00EEFF

Square

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



CCF04A



00FFFF



CBD3FF



FFA0A7

Rectangle

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



CCF04A



00FFB7



CBD3FF



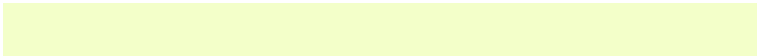
FFA1FF

Sweetspot

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



CCF04A



F3FFC9



F06E4A



798060



000000



808080

Same Dimension

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



CCF04A



D1FF2B



79F04A



75786C



90B800



2C3800

Inverse Universe

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



6E4AF0



592BFF



C14AF0



6E6C78



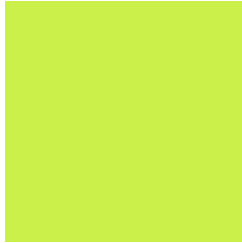
2800B8



0C0038

Previews

White Background



This preview shows how the Hex color CCF04A looks on a white background.

Color Contrast Check

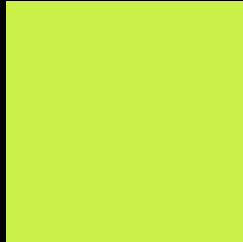
Large Text (above 18pt) WCAG AA × Fail

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 CCF04A 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 CCF04A Background



This preview shows how black text looks on a background with the Hex color CCF04A.

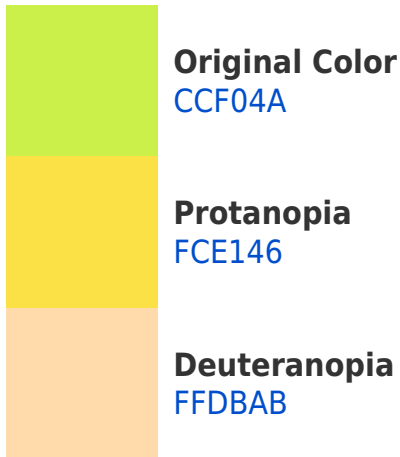


This preview shows how white text looks on a background with the Hex color CCF04A.

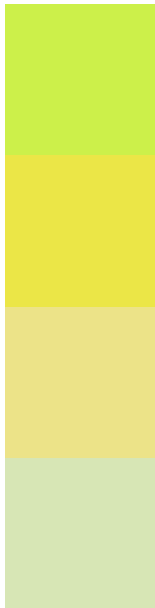
Color Blindness Simulation

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



Trichromacy



Original Color
CCF04A

Protanomaly
EBE647

Deuteranomaly
ECE388

Tritanomaly
D7E6B5

Monochromacy



Original Color
CCF04A

Achromatopsia
D2D2D2

Achromatomaly
D0DDA1

CSS Examples

Text

The CSS property to change the color of the text to Hex CCF04A 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 #CCF04A looks like.

```
.text, #text, p{  
    color:#CCF04A  
}
```

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 #CCF04A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCF04A
}
```

Border

The CSS property to change the border of an element to Hex CCF04A 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
#CCF04A }
```

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

```
.border{ border-color:#CCF04A }
```

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

Here you see how a box with a 4 pixel #CCF04A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCF04A; -webkit-box-shadow:4px 4px  
4px 4px #CCF04A; box-shadow:4px 4px 4px  
4px #CCF04A }
```

Background

The CSS property to change the background color of an element to Hex CCF04A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCF04A }
```

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

```
.background{ background-color:#CCF04A }
```

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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