

Converting Colors

Hex(F4CD00)

Have a look what the booklet for
Hex(F4CD00) contains.

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Color

Hex(F4CD00)

Conversions

Conversions Part 1

Format	Color
Hex	F4CD00
RGB	244, 205, 0
RGB Percent	96%, 80%, 0%
CMY	0.0431, 0.1961, 1.0000
CMYK	0.00, 0.16, 1.00, 0.04
HSL	50°, 100%, 48%
HSV	50°, 100%, 96%
XYZ	59.1395, 62.8957, 9.0231
YIQ	193.2910, 89.0490, -55.4870

Conversions

Conversions Part 2

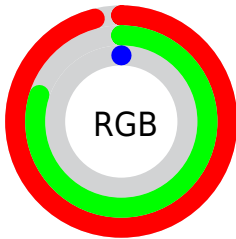
Format	Color
R_{YB}	46, 244, 0
Decimal	16043264
CIE Lab	83.39, -1.54, 84.16
CIE LCh	83, 84.176, 91.046
Yxy	62.8957, 0.4512, 0.4799
Android (android.graphics.Color)	4294233344 (0xFFFF4CD00)
YUV	193.2910, -95.2925, 44.4718
Hunter-Lab	79.3068, -5.6785, 48.7691

Details

The Hex color **F4CD00** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **0027F4**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFF56**, and **B79700** is the 20% darker color. If you saturate the color by 10%, you get **F4CD00**, and if you desaturate by 10%, it is **F4D118**.

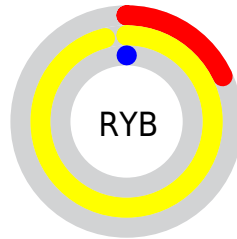
Distribution



Red (96%)

Green (80%)

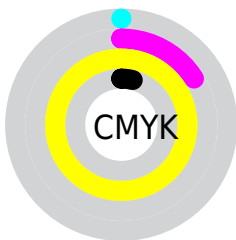
Blue (0%)



Red (18%)

Yellow (96%)

Blue (0%)

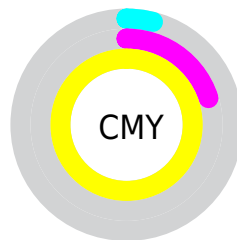


Cyan (0%)

Magenta (16%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F4CD00 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 F4CD00 by changing the saturation by 10% instead.

 F4CD00

 F4CD00

FFFFFF

 D5B200

 FFFF56

 B79700

 FFFF74

 997E00

 FFFF91

 7B6500

 FFFFAF

 5F4E00

 FFFFCC

 443700

 FFFFEA

 2A2200

 0E0D00

 000000

 F4CD00

 F4D118

 F4D531

 F4D949

 F4DD62

 F4E17A

 F4E492

 F4E8AB

 F4ECC3

 F4F0DC

Harmonies

Analogous

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



FFAE3F



F4CD00



A4E336

Triad

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



F4CD00



00F4FF



FF95FF

Complementary

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



F4CD00



0027F4

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.



D2B9FF



F4CD00



00EBFF

Square

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



F4CD00



00F4D0



00D8FF



FF80D0

Rectangle

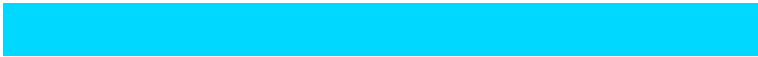
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F4CD00



58EC65



00D8FF



FFA1FF

Sweetspot

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



F4CD00



FFF3B3



F40029



807852



000000



808080

Same Dimension

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



F4CD00



FFD600



A3F400



7A786E



BA9C00



3B3100

Inverse Universe

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



0027F4



0029FF



5100F4



6E707A



001EBA



00093B

Previews

White Background



This preview shows how the Hex color F4CD00 looks on a white background.

Color Contrast Check

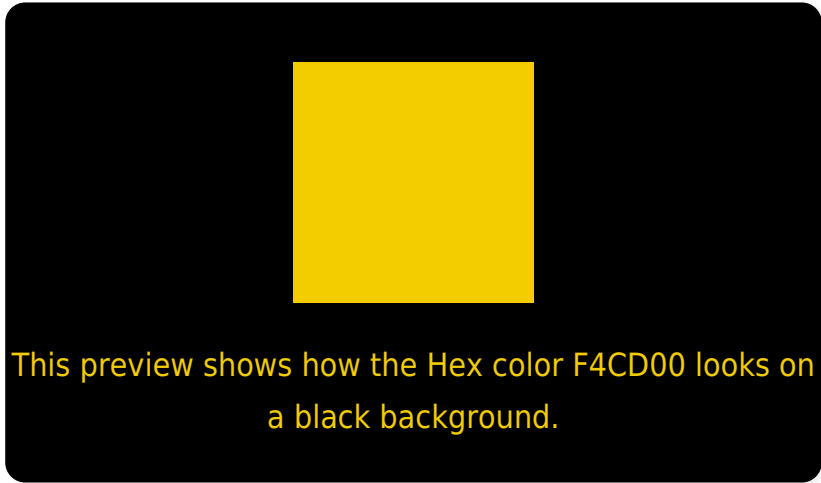
Large Text (above 18pt) WCAG AA × Fail

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 F4CD00 Background



This preview shows how black text looks on a background with the Hex color F4CD00.

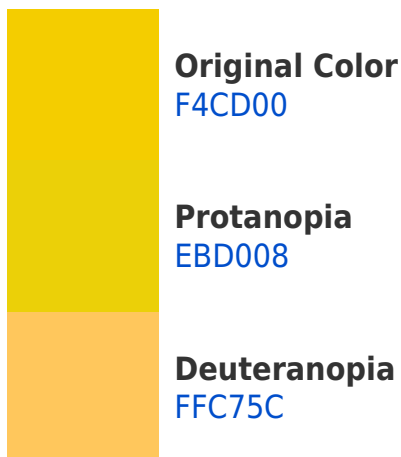


This preview shows how white text looks on a background with the Hex color F4CD00.

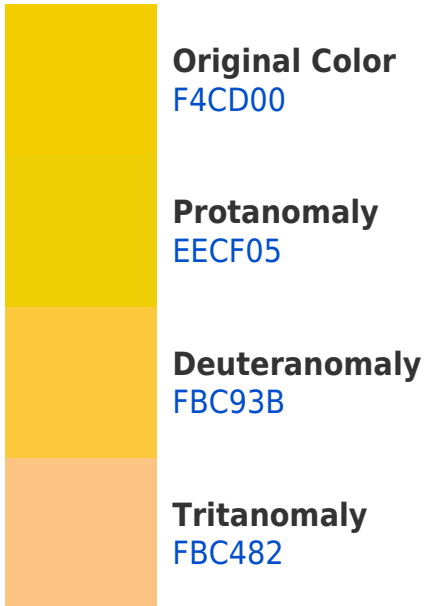
Color Blindness Simulation

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](#).

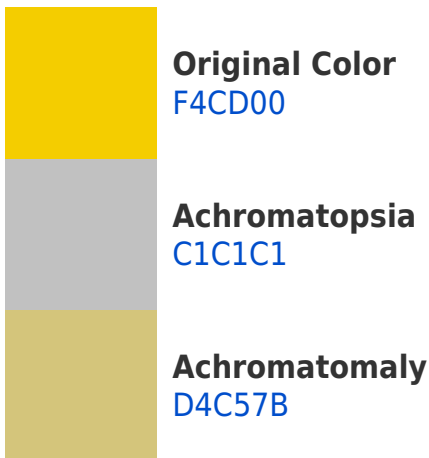
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F4CD00 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 #F4CD00 looks like.

```
.text, #text, p{  
    color:#F4CD00  
}
```

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 #F4CD00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4CD00
}
```

Border

The CSS property to change the border of an element to Hex F4CD00 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
#F4CD00 }
```

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

```
.border{ border-color:#F4CD00 }
```

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

Here you see how a box with a 4 pixel #F4CD00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4CD00; -webkit-box-shadow:4px 4px  
4px 4px #F4CD00; box-shadow:4px 4px 4px  
4px #F4CD00 }
```

Background

The CSS property to change the background color of an element to Hex F4CD00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4CD00 }
```

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

```
.background{ background-color:#F4CD00 }
```

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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