

# Converting Colors

Hex(F4CE04)

Have a look what the booklet for  
Hex(F4CE04) contains.

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**Color**

**Hex(F4CE04)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4CE04
RGB	244, 206, 4
RGB Percent	96%, 81%, 2%
CMY	0.0431, 0.1922, 0.9843
CMYK	0.00, 0.16, 0.98, 0.04
HSL	51°, 97%, 49%
HSV	51°, 98%, 96%
XYZ	59.4014, 63.3845, 9.2185
YIQ	194.3340, 87.4900, -54.7660

# Conversions

## Conversions Part 2

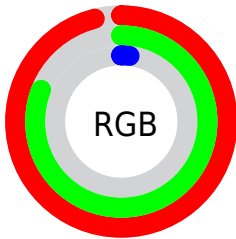
Format	Color
<a href="#">RYB</a>	49, 244, 4
Decimal	16043524
CIELab	83.64, -2.01, 83.98
CIELCh	84, 84.004, 91.374
Yxy	63.3845, 0.4500, 0.4802
Android (android.graphics.Color)	4294233604 (0xFFFF4CE04)
YUV	194.3340, -93.8347, 43.5571
Hunter-Lab	79.6144, -6.1437, 48.8649

# Details

The Hex color **F4CE04** 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 **042AF4**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFFF58**, and **B79800** is the 20% darker color. If you saturate the color by 10%, you get **F4CD00**, and if you desaturate by 10%, it is **F4D21C**.

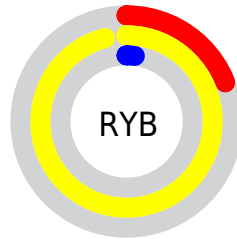
# Distribution



Red (96%)

Green (81%)

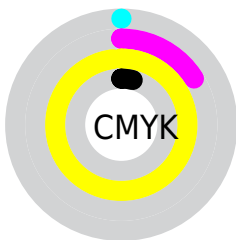
Blue (2%)



Red (19%)

Yellow (96%)

Blue (2%)

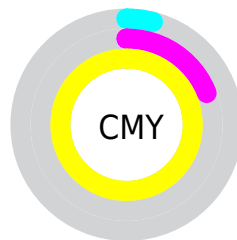


Cyan (0%)

Magenta (16%)

Yellow (98%)

Black (4%)



Cyan (4%)

Magenta (19%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F4CE04 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 F4CE04 by changing the saturation by 10% instead.



 F4CE04

 F4CE04

FFFFFF

 D5B300

 FFFF58

 B79800

 FFFF75

 997F00

 FFFF93

 7C6600

 FFFFB0

 5F4E00

 FFFFCD

 443800

 FFFFEB

 2A2300

 0F0E00

 000000

 F4CE04

 F4CE04

 F4CD00

 F4D21C

 F4D635

 F4DA4D

 F4DD66

 F4E17E

 F4E596

 F4E9AF

 F4EDC7

 F4F1E0

# Harmonies

## Analogous

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



FFAF3F



F4CE04



A4E338

# Triad

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



F4CE04



00F4FF



FF96FF

# Complementary

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



F4CE04



042AF4

# 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.



D4BAFF



F4CE04



00ECFF

# Square

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



F4CE04



00F5D2



00D9FF



FF81D0

# Rectangle

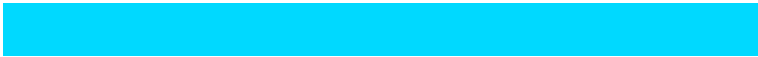
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F4CE04



58ED67



00D9FF



FFA1FF



# Sweetspot

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



F4CE04



FFF3B3



F4042C



807852



000000



808080



# Same Dimension

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



F4CE04



FFD700



A4F404



7A786E



BA9D00



3B3100



# Inverse Universe

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



042AF4



0028FF



5404F4



6E707A



001DBA



00093B



# Previews

## White Background



This preview shows how the Hex color F4CE04 looks on a white background.

## Color Contrast Check

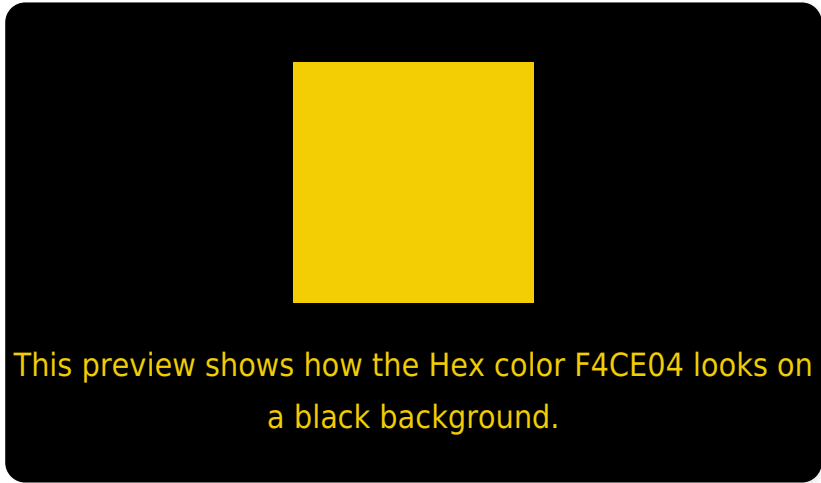
Large Text (above 18pt) WCAG AA × Fail

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 F4CE04 Background



This preview shows how black text looks on a background with the Hex color F4CE04.

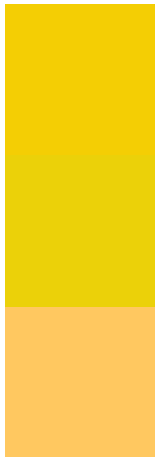


This preview shows how white text looks on a background with the Hex color F4CE04.

# 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



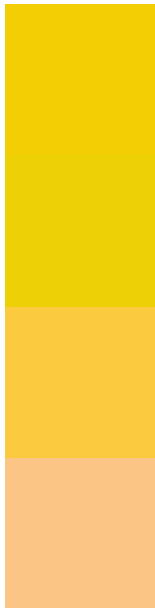
**Original Color**  
F4CE04

**Protanopia**  
EBD109

**Deuteranopia**  
FFC860



# Trichromacy



**Original Color**  
F4CE04

**Protanomaly**  
EED007

**Deuteranomaly**  
FBCA3F

**Tritanomaly**  
FBC585

# Monochromacy



**Original Color**  
F4CE04

**Achromatopsia**  
C2C2C2

**Achromatomaly**  
D4C67D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F4CE04 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 #F4CE04 looks like.

```
.text, #text, p{  
    color:#F4CE04  
}
```

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 #F4CE04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4CE04
}
```

## Border

The CSS property to change the border of an element to Hex F4CE04 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
#F4CE04 }
```

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

```
.border{ border-color:#F4CE04 }
```

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

Here you see how a box with a 4 pixel #F4CE04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4CE04; -webkit-box-shadow:4px 4px  
4px 4px #F4CE04; box-shadow:4px 4px 4px  
4px #F4CE04 }
```

# Background

The CSS property to change the background color of an element to Hex F4CE04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4CE04 }
```

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

```
.background{ background-color:#F4CE04 }
```

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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