

# Converting Colors

Hex(F4DC1D)

Have a look what the booklet for  
Hex(F4DC1D) contains.

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# Color

Hex(F4DC1D)

# Conversions

## Conversions Part 1

Format	Color
Hex	F4DC1D
RGB	244, 220, 29
RGB Percent	96%, 86%, 11%
CMY	0.0431, 0.1373, 0.8863
CMYK	0.00, 0.10, 0.88, 0.04
HSL	53°, 91%, 54%
HSV	53°, 88%, 96%
XYZ	63.1232, 70.5082, 11.4449
YIQ	205.4020, 75.6150, -54.3130

# Conversions

## Conversions Part 2

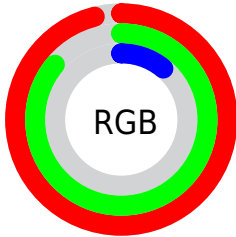
Format	Color
<b>RYB</b>	56, 244, 29
Decimal	16047133
CIELab	87.25, -8.79, 83.62
CIELCh	87, 84.083, 96.000
Yxy	70.5082, 0.4351, 0.4860
Android (android.graphics.Color)	4294237213 (0xFFF4DC1D)
YUV	205.4020, -86.9662, 33.8504
Hunter-Lab	83.9692, -12.7600, 50.6973

# Details

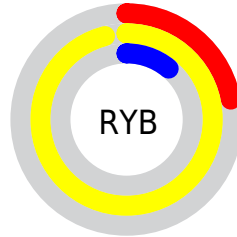
The Hex color **F4DC1D** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **1D35F4**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFF63**, and **B7A500** is the 20% darker color. If you saturate the color by 10%, you get **F4D905**, and if you desaturate by 10%, it is **F4DF35**.

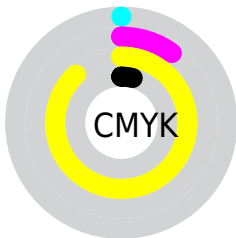
# Distribution



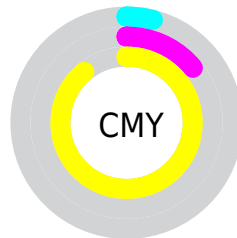
- Red (96%)
- Green (86%)
- Blue (11%)



- Red (22%)
- Yellow (96%)
- Blue (11%)



- Cyan (0%)
- Magenta (10%)
- Yellow (88%)
- Black (4%)



- Cyan (4%)
- Magenta (14%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F4DC1D 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 F4DC1D by changing the saturation by 10% instead.



 F4DC1D

 F4DC1D

FFFFFF

 D5C000

 FFFF63

 B7A500

 FFFF80

 998B00

 FFFF9D

 7D7200

 FFFFBB


 605A00

 FFFFD8

 444300

 FFFFF6

 2B2D00

 111900

 000000

 F4DC1D

 F4DC1D

 F4D905

 F4DF35

 F4D900

 F4E14E

 F4E466

 F4E77F

 F4EA97

 F4ECAF

 F4EFC8

 F4F2E0

 F4F5F9

# Harmonies

## Analogous

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



FFBE40



F4DC1D



A0F04D

# Triad

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



F4DC1D



00FEFF



FF9BFF

# Complementary

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



F4DC1D



1D35F4

# 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.



F2BEFF



F4DC1D



00F4FF

# Square

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



F4DC1D



00FE9



0CDFF



FF8CCE

# Rectangle

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



F4DC1D



49F97C



0CDFFF



FFA6FF



# Sweetspot

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



F4DC1D



FFF8BD



F41D36



807B58



000000



808080



# Same Dimension

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



F4DC1D



FFE300



A2F41D



7A796E



BAA500



3B3400



# Inverse Universe

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



1D35F4



001CFF



6F1DF4



6E707A



0015BA



00073B



# Previews

## White Background



This preview shows how the Hex color F4DC1D looks on a white background.

## Color Contrast Check

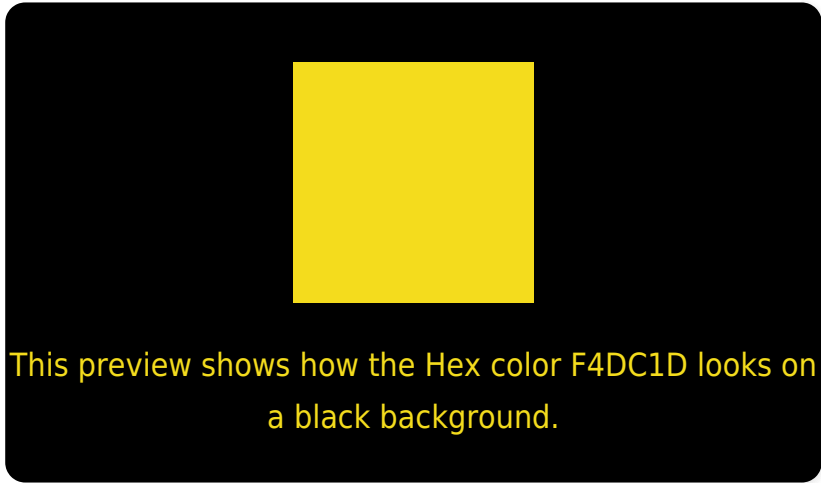
Large Text (above 18pt) WCAG AA × Fail

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 F4DC1D Background



This preview shows how black text looks on a background with the Hex color F4DC1D.



This preview shows how white text looks on a background with the Hex color F4DC1D.

# 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



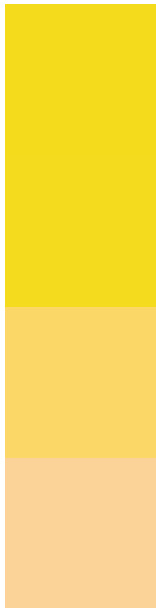
**Original Color**  
F4DC1D

**Protanopia**  
F6DB1D

**Deuteranopia**  
FFD492



# Trichromacy



**Original Color**  
F4DC1D

**Protanomaly**  
F5DB1D

**Deuteranomaly**  
FBD767

**Tritanomaly**  
FBD297

# Monochromacy



**Original Color**  
F4DC1D

**Achromatopsia**  
CDCDCD

**Achromatomaly**  
DBD28D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F4DC1D 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 #F4DC1D looks like.

```
.text, #text, p{  
    color:#F4DC1D  
}
```

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 #F4DC1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4DC1D
}
```

## Border

The CSS property to change the border of an element to Hex F4DC1D 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
#F4DC1D }
```

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

```
.border{ border-color:#F4DC1D }
```

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

Here you see how a box with a 4 pixel #F4DC1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4DC1D; -webkit-box-shadow:4px 4px  
4px 4px #F4DC1D; box-shadow:4px 4px 4px  
4px #F4DC1D }
```

# Background

The CSS property to change the background color of an element to Hex F4DC1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4DC1D }
```

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

```
.background{ background-color:#F4DC1D }
```

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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