

Converting Colors

Hex(F0D476)

Have a look what the booklet for
Hex(F0D476) contains.

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Color

Hex(F0D476)

Conversions

Conversions Part 1

Format	Color
Hex	F0D476
RGB	240, 212, 118
RGB Percent	94%, 83%, 46%
CMY	0.0588, 0.1686, 0.5373
CMYK	0.00, 0.12, 0.51, 0.06
HSL	46°, 80%, 70%
HSV	46°, 51%, 94%
XYZ	62.7487, 66.9202, 26.7492
YIQ	209.6560, 46.8620, -23.2980

Conversions

Conversions Part 2

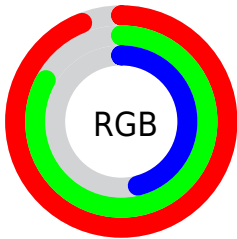
Format	Color
RYB	154, 240, 118
Decimal	15783030
CIELab	85.46, -1.97, 49.68
CIElCh	85, 49.716, 92.275
Yxy	66.9202, 0.4012, 0.4278
Android (android.graphics.Color)	4293973110 (0xFFFF0D476)
YUV	209.6560, -45.1864, 26.6117
Hunter-Lab	81.8048, -6.2393, 37.8762

Details

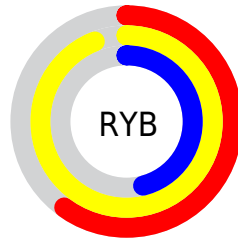
The Hex color **F0D476** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7692F0**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFFAC**, and **B69E42** is the 20% darker color. If you saturate the color by 10%, you get **F0CE5E**, and if you desaturate by 10%, it is **F0DA8E**.

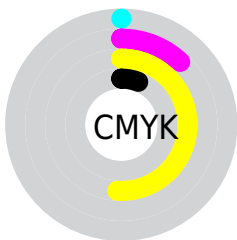
Distribution



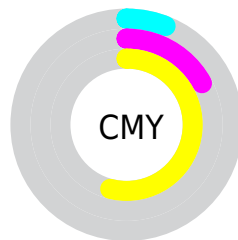
- Red (94%)
- Green (83%)
- Blue (46%)



- Red (60%)
- Yellow (94%)
- Blue (46%)



- Cyan (0%)
- Magenta (12%)
- Yellow (51%)
- Black (6%)



- Cyan (6%)
- Magenta (17%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0D476 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 F0D476 by changing the saturation by 10% instead.

 F0D476

 F0D476

FFFFFF

 D3B85C

 FFFFAC

 B69E42

 FFFFC8

 998428

 FFFFE4

 7E6B0A

 635300

 493C00

 2F2700

 161200

 000000

 F0D476

 F0D476

 F0CE5E

 F0DA8E

 F0C946

 F0DFA6

 F0C32E

 F0E5BE

 F0BE16

 F0EAD6

 F0B900

 F0F0EE

 F0F5FF

 F0FBFF

 F0FFFF

Harmonies

Analogous

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



FFC383



F0D476



BFE284

Triad

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



F0D476



00EDFF



FFB8FF

Complementary

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



F0D476



7692F0

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.



DFC8FF



F0D476



1AE6FF

Square

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



F0D476



31EED8



93D9FF



FFB0D4

Rectangle

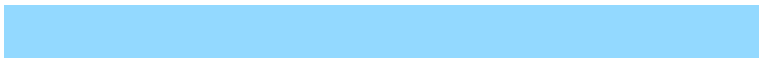
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F0D476



99E89A



93D9FF



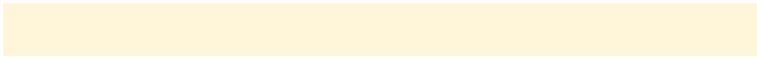
FFBDFF

Sweetspot

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



F0D476



FFF6D9



F07692



807A69



000000



808080

Same Dimension

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



F0D476



FFDB63



CFF076



78756C



B88D00



382B00

Inverse Universe

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



7692F0



6387FF



9776F0



6C6F78



002AB8



000D38

Previews

White Background



This preview shows how the Hex color F0D476 looks on a white background.

Color Contrast Check

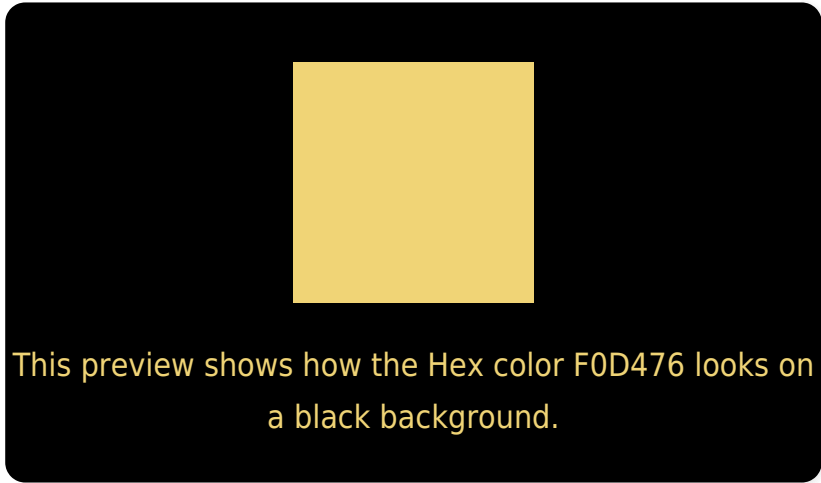
Large Text (above 18pt) WCAG AA × Fail

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 F0D476 Background



This preview shows how black text looks on a background with the Hex color F0D476.

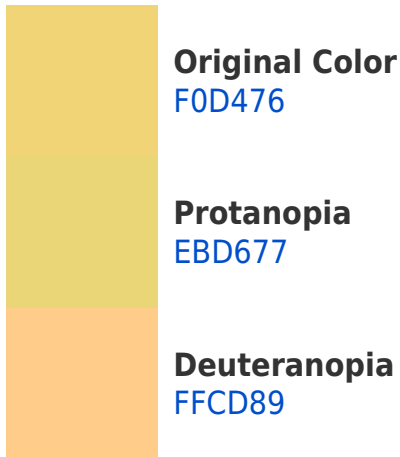


This preview shows how white text looks on a background with the Hex color F0D476.

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
F9C9D8

Trichromacy



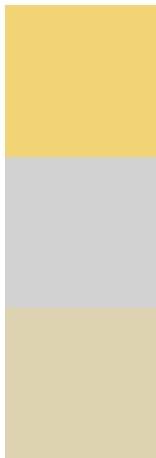
Original Color
F0D476

Protanomaly
EED577

Deuteranomaly
FAD082

Tritanomaly
F6CDB4

Monochromacy



Original Color
F0D476

Achromatopsia
D2D2D2

Achromatomaly
DDD3B1

CSS Examples

Text

The CSS property to change the color of the text to Hex F0D476 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 #F0D476 looks like.

```
.text, #text, p{  
    color:#F0D476  
}
```

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 #F0D476 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0D476
}
```

Border

The CSS property to change the border of an element to Hex F0D476 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
#F0D476 }
```

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

```
.border{ border-color:#F0D476 }
```

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

Here you see how a box with a 4 pixel #F0D476 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0D476; -webkit-box-shadow:4px 4px  
4px 4px #F0D476; box-shadow:4px 4px 4px  
4px #F0D476 }
```

Background

The CSS property to change the background color of an element to Hex F0D476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0D476 }
```

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

```
.background{ background-color:#F0D476 }
```

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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