

Converting Colors

Hex(F0D661)

Have a look what the booklet for
Hex(F0D661) contains.

| | |
|--|----|
| Hex(F0D661) | 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(F0D661)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F0D661 |
| RGB | 240, 214, 97 |
| RGB Percent | 94%, 84%, 38% |
| CMY | 0.0588, 0.1608, 0.6196 |
| CMYK | 0.00, 0.11, 0.60, 0.06 |
| HSL | 49°, 83%, 66% |
| HSV | 49°, 60%, 94% |
| XYZ | 62.1394, 67.4815, 21.0594 |
| YIQ | 208.4360, 53.0530, -30.8750 |

Conversions

Conversions Part 2

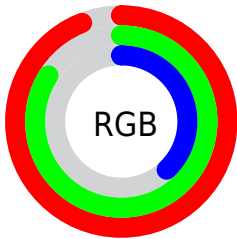
| Format | Color |
|-------------------------------------|---|
| RYB | 129, 240, 97 |
| Decimal | 15783521 |
| CIELab | 85.75, -4.61, 59.76 |
| CIELCh | 86, 59.940, 94.407 |
| Yxy | 67.4815, 0.4124, 0.4478 |
| Android (android.graphics.Color) | 4293973601 (0xFFFF0D661) |
| YUV | 208.4360, -54.9379, 27.6816 |
| Hunter-Lab | 82.1471, -8.7328, 42.3033 |

Details

The Hex color **F0D661** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **617BF0**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFF97**, and **B5A02A** is the 20% darker color. If you saturate the color by 10%, you get **F0D249**, and if you desaturate by 10%, it is **F0DA79**.

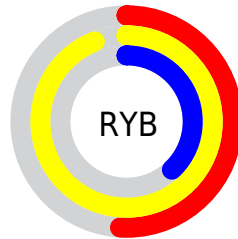
Distribution



Red (94%)

Green (84%)

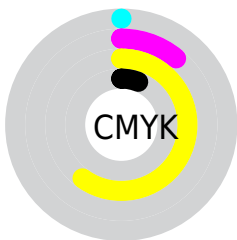
Blue (38%)



Red (51%)

Yellow (94%)

Blue (38%)

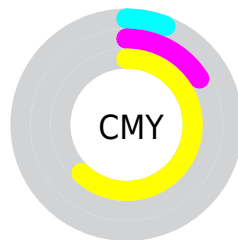


Cyan (0%)

Magenta (11%)

Yellow (60%)

Black (6%)



Cyan (6%)

Magenta (16%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0D661 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 F0D661 by changing the saturation by 10% instead.

 F0D661

 F0D661

FFFFFF

 D2BA46

 FFFF97

 B5A02A

 FFFFB3

 988604

 FFFF00

 7C6D00

 FFFFEC

 615500

 463E00

 2C2800

 121400

 000000

 F0D661

 F0D661

 F0D249

 F0DA79

 F0CD31

 F0DF91

 F0C919

 F0E3A9

 F0C501

 F0E7C1

 F0C400

 F0ECD9

 F0F0F1

 F0F5FF

 F0F9FF

 F0FDFF

Harmonies

Analogous

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



FFC270



F0D661



B5E675

Triad

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



F0D661



00F1FF



FFAFFF

Complementary

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



F0D661



617BF0

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.



E6C4FF



F0D661



00E9FF

Square

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



F0D661



00F3DD



82DAFF



FFA6D0

Rectangle

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



F0D661



85ED92



82DAFF



FFB6FF

Sweetspot

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



F0D661



FFF7D1



F0617B



807A63



000000



808080

Same Dimension

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



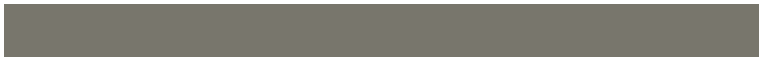
F0D661



FFDE47



C3F061



78766C



B89600



382E00

Inverse Universe

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



617BF0



4769FF



8E61F0



6C6E78



0021B8



000A38

Previews

White Background



This preview shows how the Hex color F0D661 looks on a white background.

Color Contrast Check

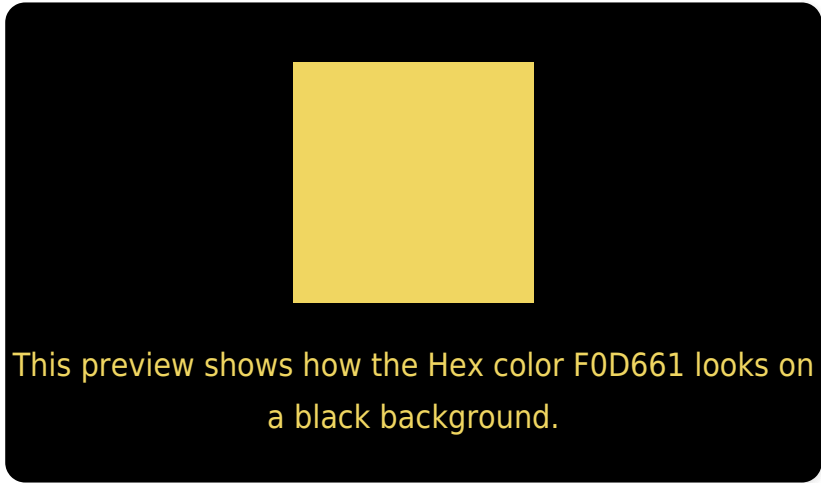
Large Text (above 18pt) WCAG AA × Fail

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 F0D661 Background



This preview shows how black text looks on a background with the Hex color F0D661.

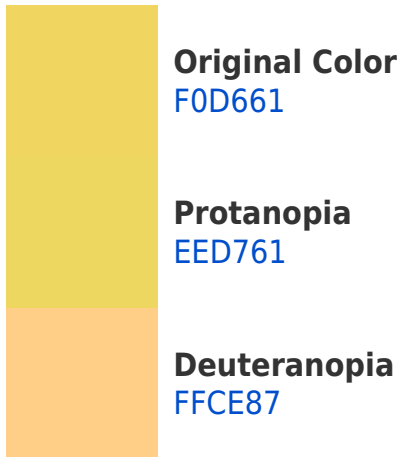


This preview shows how white text looks on a background with the Hex color F0D661.

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](#).

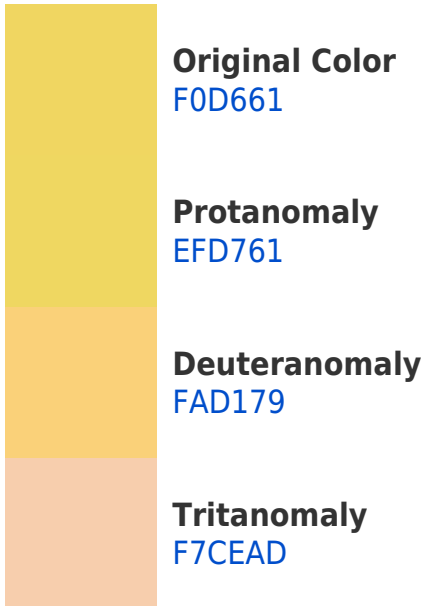
Dichromacy



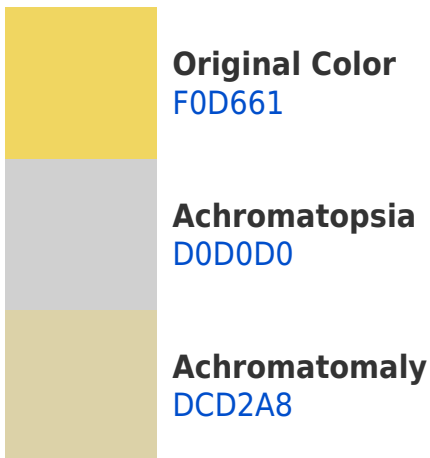


Tritanopia
FBC9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F0D661 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 #F0D661 looks like.

```
.text, #text, p{  
    color:#F0D661  
}
```

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 #F0D661 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0D661
}
```

Border

The CSS property to change the border of an element to Hex F0D661 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
#F0D661 }
```

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

```
.border{ border-color:#F0D661 }
```

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

Here you see how a box with a 4 pixel #F0D661 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0D661; -webkit-box-shadow:4px 4px  
4px 4px #F0D661; box-shadow:4px 4px 4px  
4px #F0D661 }
```

Background

The CSS property to change the background color of an element to Hex F0D661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0D661 }
```

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

```
.background{ background-color:#F0D661 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor