

Converting Colors

Hex(F0B658)

Have a look what the booklet for
Hex(F0B658) contains.

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Color

Hex(F0B658)

Conversions

Conversions Part 1

Format	Color
Hex	F0B658
RGB	240, 182, 88
RGB Percent	94%, 71%, 35%
CMY	0.0588, 0.2863, 0.6549
CMYK	0.00, 0.24, 0.63, 0.06
HSL	37°, 84%, 64%
HSV	37°, 63%, 94%
XYZ	54.4246, 52.6857, 16.5334
YIQ	188.6260, 64.7420, -16.9380

Conversions

Conversions Part 2

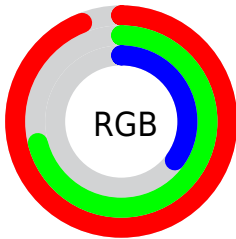
Format	Color
RYB	182, 240, 88
Decimal	15775320
CIELab	77.69, 11.37, 54.83
CIElCh	78, 55.999, 78.289
Yxy	52.6857, 0.4402, 0.4261
Android (android.graphics.Color)	4293965400 (0xFFFF0B658)
YUV	188.6260, -49.6086, 45.0550
Hunter-Lab	72.5849, 6.8166, 37.3044

Details

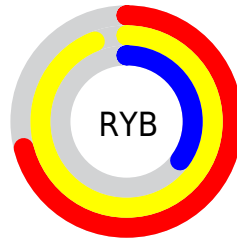
The Hex color **F0B658** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5892F0**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFEE8D**, and **B48123** is the 20% darker color. If you saturate the color by 10%, you get **F0AD40**, and if you desaturate by 10%, it is **F0BF70**.

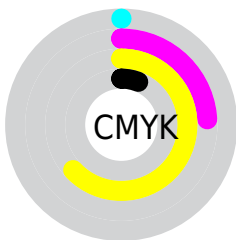
Distribution



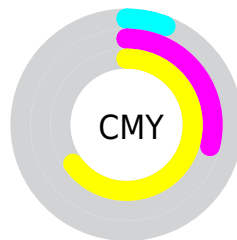
- Red (94%)
- Green (71%)
- Blue (35%)



- Red (71%)
- Yellow (94%)
- Blue (35%)



- Cyan (0%)
- Magenta (24%)
- Yellow (63%)
- Black (6%)



- Cyan (6%)
- Magenta (29%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0B658 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 F0B658 by changing the saturation by 10% instead.

 F0B658

 F0B658

FFFFFF

 D29B3E

 FFEE8D

 B48123

 FFFFA8

 976800

 FFFFC4

 7B5000

 FFFFE1

 5F3900

FFFFFFE

 432400

 2A1000

 040000

 000000

 F0B658

 F0B658

 F0AD40

 F0BF70

 F0A428

 F0C888

 F09B10

 F0D1A0

 F09400

 F0DBB8

 F0E4D0

 F0EDE8

 F0F6FF

 F0FFFF

Harmonies

Analogous

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



FFA374



F0B658



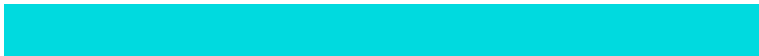
BFC759

Triad

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



F0B658



00DADF



ECA6FF

Complementary

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



F0B658



5892F0

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.



A2BAFF



F0B658



00D6FF

Square

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



F0B658



15D9A9



00CBFF



FF96D7

Rectangle

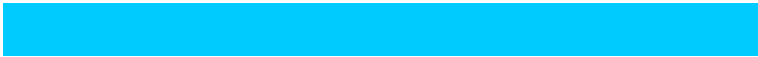
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F0B658



99CF6B



00CBFF



D7ADFF

Sweetspot

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



F0B658



FFEDCF



F05892



807462



000000



808080

Same Dimension

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



F0B658



FFB53D



DEF058



78736C



B87200



382300

Inverse Universe

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



5892F0



3D87FF



6A58F0



6C7078



0046B8



001538

Previews

White Background



This preview shows how the Hex color F0B658 looks on a white background.

Color Contrast Check

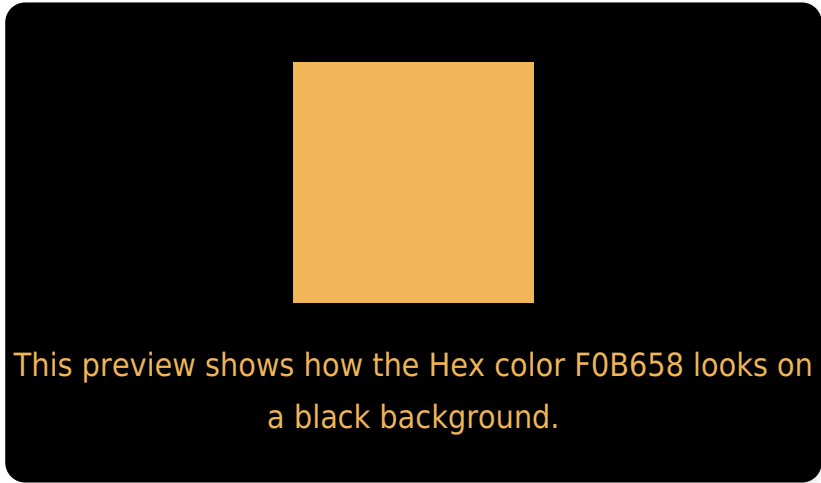
Large Text (above 18pt) WCAG AA × Fail

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 F0B658 Background



This preview shows how black text looks on a background with the Hex color F0B658.




This preview shows how white text looks on a background with the Hex color F0B658.

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](#).

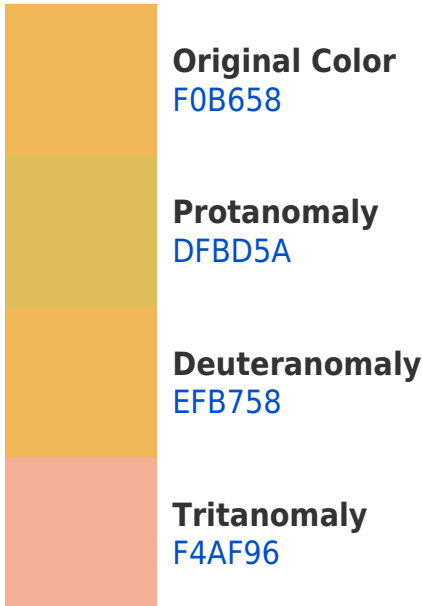
Dichromacy



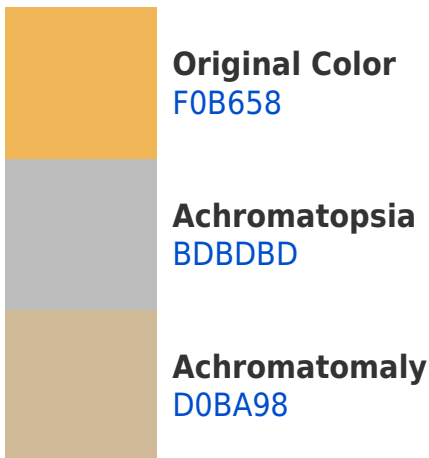


Tritanopia
F7ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F0B658 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 #F0B658 looks like.

```
.text, #text, p{  
    color:#F0B658  
}
```

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 #F0B658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0B658
}
```

Border

The CSS property to change the border of an element to Hex F0B658 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
#F0B658 }
```

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

```
.border{ border-color:#F0B658 }
```

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

Here you see how a box with a 4 pixel #F0B658 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0B658; -webkit-box-shadow:4px 4px  
4px 4px #F0B658; box-shadow:4px 4px 4px  
4px #F0B658 }
```

Background

The CSS property to change the background color of an element to Hex F0B658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0B658 }
```

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

```
.background{ background-color:#F0B658 }
```

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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