

Converting Colors

Hex(F0B761)

Have a look what the booklet for
Hex(F0B761) contains.

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Color

Hex(F0B761)

Conversions

Conversions Part 1

Format	Color
Hex	F0B761
RGB	240, 183, 97
RGB Percent	94%, 72%, 38%
CMY	0.0588, 0.2824, 0.6196
CMYK	0.00, 0.24, 0.60, 0.06
HSL	36°, 83%, 66%
HSV	36°, 60%, 94%
XYZ	55.0263, 53.2553, 18.6884
YIQ	190.2390, 61.5780, -14.6620

Conversions

Conversions Part 2

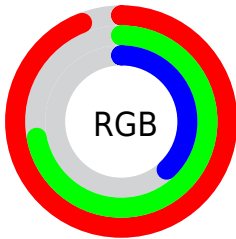
Format	Color
RYB	192, 240, 97
Decimal	15775585
CIELab	78.03, 11.44, 50.97
CIElCh	78, 52.234, 77.348
Yxy	53.2553, 0.4334, 0.4194
Android (android.graphics.Color)	4293965665 (0xFFFF0B761)
YUV	190.2390, -45.9668, 43.6404
Hunter-Lab	72.9762, 6.8861, 35.8999

Details

The Hex color **F0B761** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **619AF0**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFEF96**, and **B5822E** is the 20% darker color. If you saturate the color by 10%, you get **F0AD49**, and if you desaturate by 10%, it is **F0C179**.

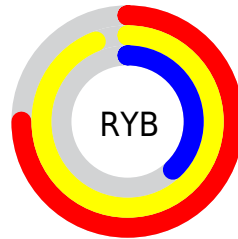
Distribution



Red (94%)

Green (72%)

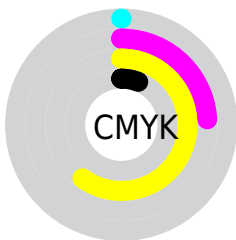
Blue (38%)



Red (75%)

Yellow (94%)

Blue (38%)

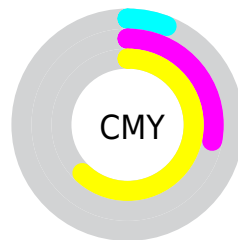


Cyan (0%)

Magenta (24%)

Yellow (60%)

Black (6%)



Cyan (6%)

Magenta (28%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0B761 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 F0B761 by changing the saturation by 10% instead.

 F0B761

 F0B761

FFFFFF

 D29C47

 FFEF96

 B5822E

 FFFFB1

 986912

 FFFFCD


 7B5100

 FFFFEA

 603A00

 442500

 2B1100

 080000

 000000

 F0B761

 F0B761

 F0AD49

 F0C179

 F0A431

 F0CA91

 F09A19

 F0D4A9

 F09101

 F0DDC1

 F09000

 F0E7D9

 F0F0F1

 F0FAFF

 F0FFFF

Harmonies

Analogous

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



FFA67C



F0B761



C3C761

Triad

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



F0B761



00DADC



E9A9FF

Complementary

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



F0B761



619AF0

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.



A4BCFF



F0B761



00D6FF

Square

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



F0B761



3CD9AA



31CCFF



FF9BD8

Rectangle

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



F0B761



9FCF71



31CCFF



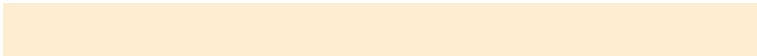
D5B0FF

Sweetspot

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



F0B761



FFEDD1



F0619A



807463



000000



808080

Same Dimension

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



F0B761



FFB647



E2F061



78736C



B86E00



382200

Inverse Universe

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



619AF0



4791FF



6F61F0



6C7178



0049B8



001638

Previews

White Background



This preview shows how the Hex color F0B761 looks on a white background.

Color Contrast Check

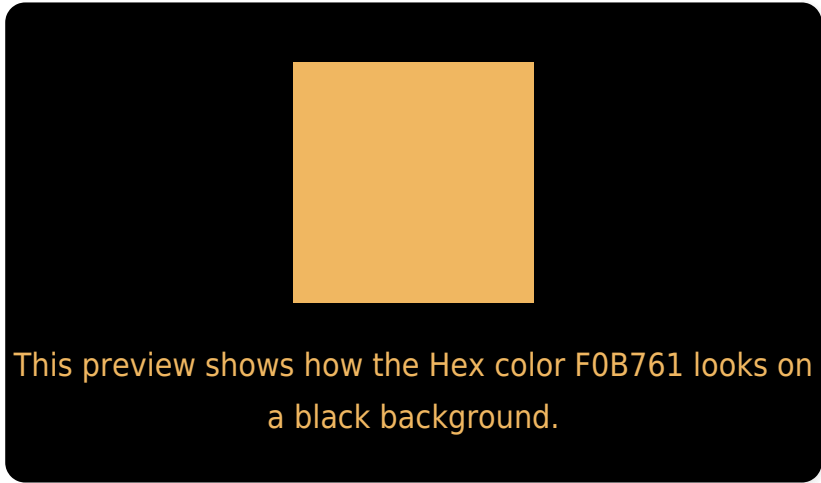
Large Text (above 18pt) WCAG AA × Fail

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 F0B761 Background



This preview shows how black text looks on a background with the Hex color F0B761.

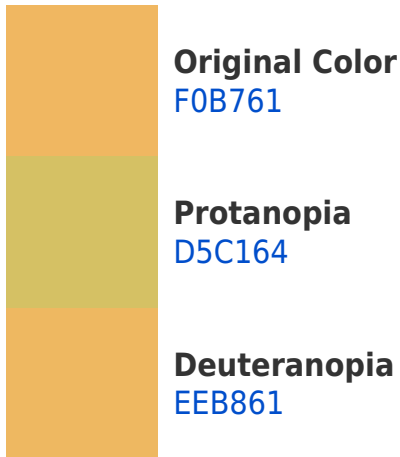


This preview shows how white text looks on a background with the Hex color F0B761.

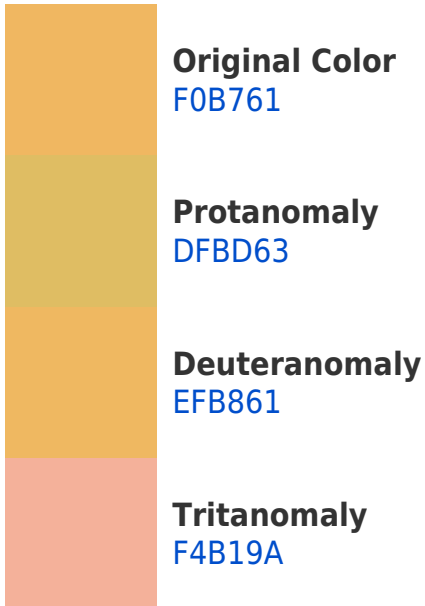
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F0B761 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 #F0B761 looks like.

```
.text, #text, p{  
    color:#F0B761  
}
```

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 #F0B761 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0B761
}
```

Border

The CSS property to change the border of an element to Hex F0B761 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
#F0B761 }
```

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

```
.border{ border-color:#F0B761 }
```

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

Here you see how a box with a 4 pixel #F0B761 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0B761; -webkit-box-shadow:4px 4px  
4px 4px #F0B761; box-shadow:4px 4px 4px  
4px #F0B761 }
```

Background

The CSS property to change the background color of an element to Hex F0B761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0B761 }
```

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

```
.background{ background-color:#F0B761 }
```

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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