

# Converting Colors

Hex(F0B561)

Have a look what the booklet for  
Hex(F0B561) contains.

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# **Color**

**Hex(F0B561)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0B561
RGB	240, 181, 97
RGB Percent	94%, 71%, 38%
CMY	0.0588, 0.2902, 0.6196
CMYK	0.00, 0.25, 0.60, 0.06
HSL	35°, 83%, 66%
HSV	35°, 60%, 94%
XYZ	54.6167, 52.4361, 18.5518
YIQ	189.0650, 62.1280, -13.6160

# Conversions

## Conversions Part 2

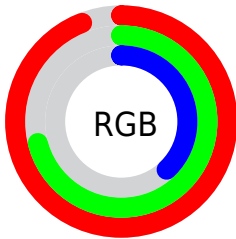
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 240, 97
Decimal	15775073
CIELab	77.54, 12.49, 50.40
CIELCh	78, 51.926, 76.079
Yxy	52.4361, 0.4348, 0.4175
Android (android.graphics.Color)	4293965153 (0xFFFF0B561)
YUV	189.0650, -45.3880, 44.6700
Hunter-Lab	72.4128, 7.9098, 35.4991

# Details

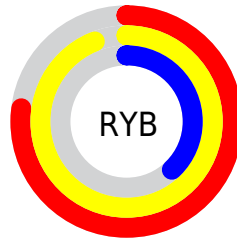
The Hex color **F0B561** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **619CF0**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFED96**, and **B5802E** is the 20% darker color. If you saturate the color by 10%, you get **F0AB49**, and if you desaturate by 10%, it is **F0BF79**.

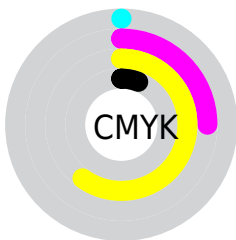
# Distribution



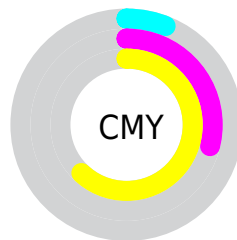
- Red (94%)
- Green (71%)
- Blue (38%)



- Red (77%)
- Yellow (94%)
- Blue (38%)



- Cyan (0%)
- Magenta (25%)
- Yellow (60%)
- Black (6%)



- Cyan (6%)
- Magenta (29%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0B561 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 F0B561 by changing the saturation by 10% instead.



 F0B561

 F0B561

FFFFFF

 D29A47

 FFED96

 B5802E

 FFFFB1

 986712

 FFFFCD

 7B4F00

 FFFFEA

 603800

 442300

 2A0F00

 050000

 000000

 F0B561

 F0B561

 F0AB49

 F0BF79

 F0A131

 F0C991

 F09719

 F0D3A9

 F08D01

 F0DDC1

 F08D00

 F0E7D9

 F0F0F1

 F0FAFF

 F0FFFF

# Harmonies

## Analogous

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



FFA47C



F0B561



C3C560

# Triad

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



F0B561



00D8D9



E5A9FF

# Complementary

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



F0B561



619CF0

# 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.



9FBCFF



F0B561



00D5FF

# Square

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



F0B561



41D7A7



27CBFF



FF9BD8

# Rectangle

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



F0B561



A0CD6F



27CBFF



D1AFFF

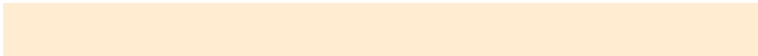


# Sweetspot

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



F0B561



FFECD1



F0619D



807463



000000



808080



# Same Dimension

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



F0B561



FFB347



E4F061



78736C



B86C00



382100



# Inverse Universe

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



619CF0



4793FF



6D61F0



6C7178



004CB8



001738



# Previews

## White Background



This preview shows how the Hex color F0B561 looks on a white background.

## Color Contrast Check

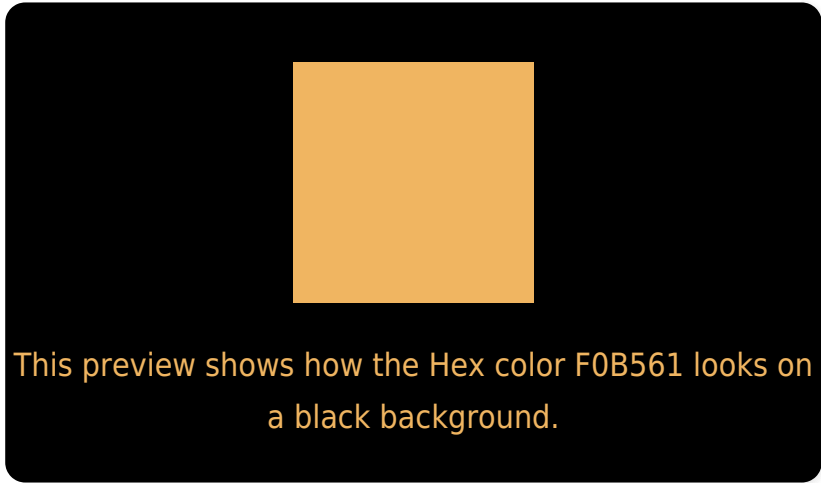
Large Text (above 18pt) WCAG AA × Fail

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

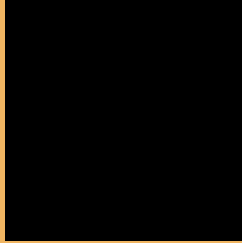
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F0B561 Background



This preview shows how black text looks on a background with the Hex color F0B561.

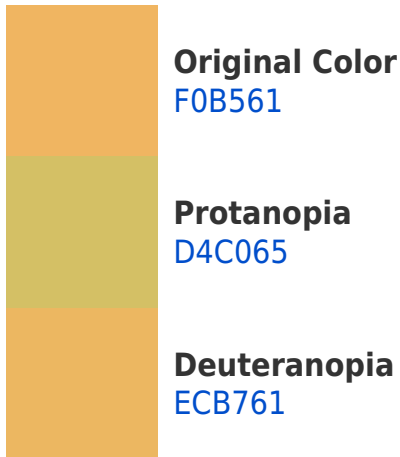


This preview shows how white text looks on a background with the Hex color F0B561.

# 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](#).

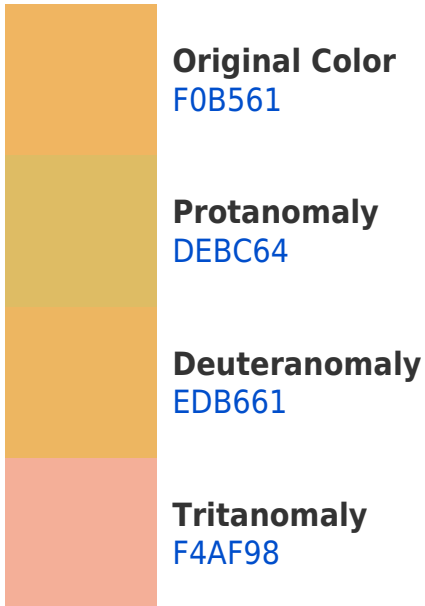
## Dichromacy



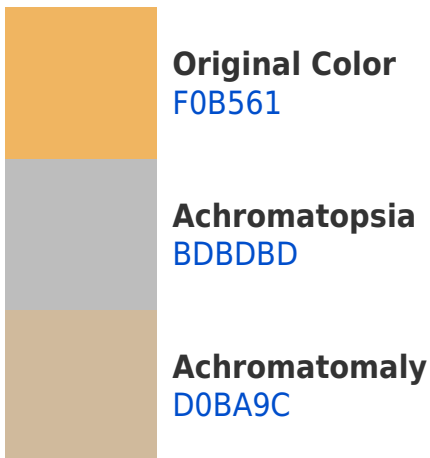


**Tritanopia**  
F7ABB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0B561 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 #F0B561 looks like.

```
.text, #text, p{  
    color:#F0B561  
}
```

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 #F0B561 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0B561
}
```

## Border

The CSS property to change the border of an element to Hex F0B561 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
#F0B561 }
```

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

```
.border{ border-color:#F0B561 }
```

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

Here you see how a box with a 4 pixel #F0B561 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0B561; -webkit-box-shadow:4px 4px  
4px 4px #F0B561; box-shadow:4px 4px 4px  
4px #F0B561 }
```

# Background

The CSS property to change the background color of an element to Hex F0B561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0B561 }
```

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

```
.background{ background-color:#F0B561 }
```

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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