

Converting Colors

Hex(F0A554)

Have a look what the booklet for
Hex(F0A554) contains.

| | |
|--|----|
| Hex(F0A554) | 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(F0A554)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F0A554 |
| RGB | 240, 165, 84 |
| RGB Percent | 94%, 65%, 33% |
| CMY | 0.0588, 0.3529, 0.6706 |
| CMYK | 0.00, 0.31, 0.65, 0.06 |
| HSL | 31°, 84%, 64% |
| HSV | 31°, 65%, 94% |
| XYZ | 50.9905, 46.0756, 14.5935 |
| YIQ | 178.1910, 70.7010, -9.2910 |

Conversions

Conversions Part 2

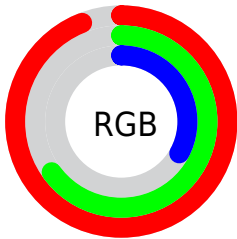
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 228, 240, 84 |
| Decimal | 15770964 |
| CIE Lab | 73.59, 20.09, 52.12 |
| CIE LCh | 74, 55.860, 68.919 |
| Yxy | 46.0756, 0.4567, 0.4126 |
| Android (android.graphics.Color) | 4293961044 (0xFFFF0A554) |
| YUV | 178.1910, -46.4362, 54.2065 |
| Hunter-Lab | 67.8790, 15.3004, 34.7684 |

Details

The Hex color **F0A554** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **549FF0**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFDC88**, and **B47120** is the 20% darker color. If you saturate the color by 10%, you get **F0993C**, and if you desaturate by 10%, it is **F0B16C**.

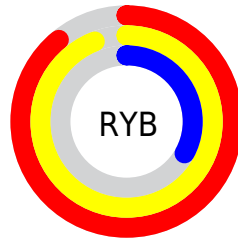
Distribution



Red (94%)

Green (65%)

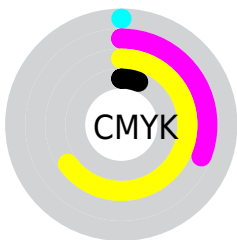
Blue (33%)



Red (89%)

Yellow (94%)

Blue (33%)

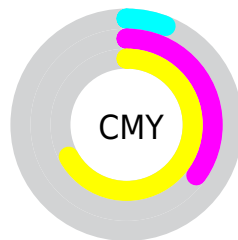


Cyan (0%)

Magenta (31%)

Yellow (65%)

Black (6%)



Cyan (6%)

Magenta (35%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0A554 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 F0A554 by changing the saturation by 10% instead.

 F0A554

 F0A554

FFFFFF

 D28B3B

 FFDC88

 B47120

 FFF9A3

 965800

 FFFFBF

 7A4100

 FFFFDB

 5D2A00

 FFFFF8

 421500

 290000

 000000

 F0A554

 F0A554

 F0993C

 F0B16C

 F08E24

 F0BC84

 F0820C

 F0C89C

 F07D00

 F0D3B4

 F0DFCC

 F0EAE4

 F0F6FC

 F0FFFF

Harmonies

Analogous

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



FF9277



F0A554



C4B74B

Triad

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



F0A554



00CFC3



CDA1FF

Complementary

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



F0A554



549FF0

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.



77B5FF



F0A554



00CCF4

Square

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



F0A554



3CCC8E



00C4FF



FF8FDB

Rectangle

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



F0A554



A0C057



00C4FF



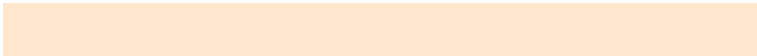
B4A8FF

Sweetspot

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



F0A554



FFE6CC



F0549F



807161



000000



808080

Same Dimension

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



F0A554



FF9F38



EDF054



78726C



B85F00



381D00

Inverse Universe

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



549FF0



3898FF



5754F0



6C7278



0058B8



001B38

Previews

White Background



This preview shows how the Hex color F0A554 looks on a white background.

Color Contrast Check

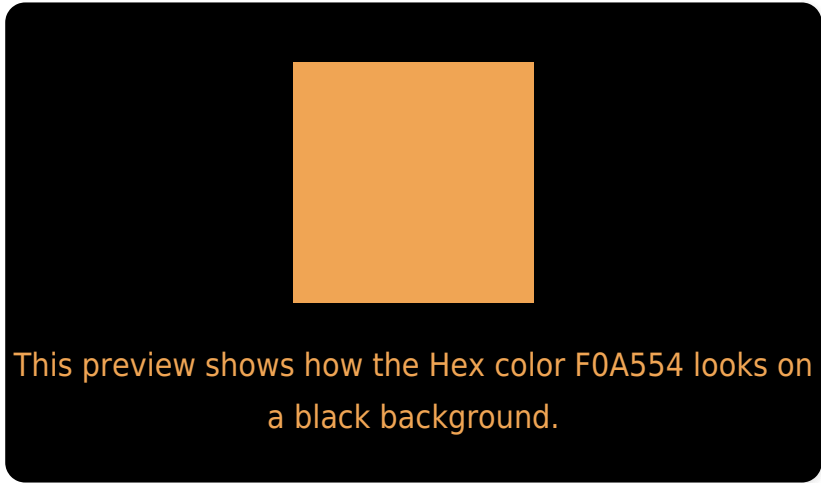
Large Text (above 18pt) WCAG AA × Fail

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

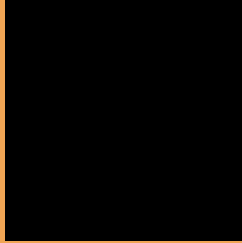
Any Text WCAG AA ✓ Pass

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 F0A554 Background



This preview shows how black text looks on a background with the Hex color F0A554.



This preview shows how white text looks on a background with the Hex color F0A554.

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



Original Color
F0A554

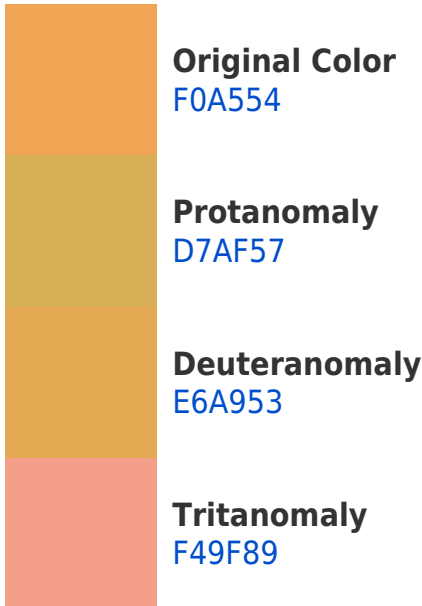
Protanopia
C8B559

Deuteranopia
E0AC52

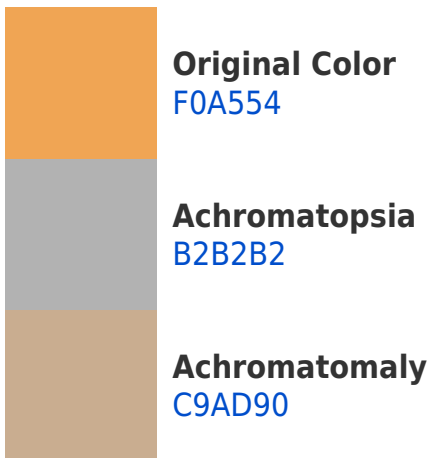


Tritanopia
F69CA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F0A554 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 #F0A554 looks like.

```
.text, #text, p{  
    color:#F0A554  
}
```

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 #F0A554 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0A554
}
```

Border

The CSS property to change the border of an element to Hex F0A554 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
#F0A554 }
```

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

```
.border{ border-color:#F0A554 }
```

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

Here you see how a box with a 4 pixel #F0A554 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0A554; -webkit-box-shadow:4px 4px  
4px 4px #F0A554; box-shadow:4px 4px 4px  
4px #F0A554 }
```

Background

The CSS property to change the background color of an element to Hex F0A554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0A554 }
```

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

```
.background{ background-color:#F0A554 }
```

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