

Converting Colors

Hex(F0A244)

Have a look what the booklet for
Hex(F0A244) contains.

Hex(F0A244)	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(F0A244)

Conversions

Conversions Part 1

Format	Color
Hex	F0A244
RGB	240, 162, 68
RGB Percent	94%, 64%, 27%
CMY	0.0588, 0.3647, 0.7333
CMYK	0.00, 0.33, 0.72, 0.06
HSL	33°, 85%, 60%
HSV	33°, 72%, 94%
XYZ	49.8989, 44.7833, 11.4829
YIQ	174.6060, 76.6620, -12.6980

Conversions

Conversions Part 2

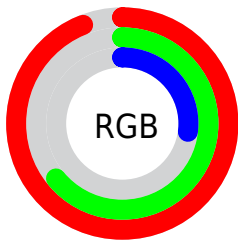
Format	Color
R _Y B	211, 240, 68
Decimal	15770180
CIE Lab	72.75, 20.82, 58.52
CIE LCh	73, 62.116, 70.420
Yxy	44.7833, 0.4700, 0.4218
Android (android.graphics.Color)	4293960260 (0xFFFF0A244)
YUV	174.6060, -52.5568, 57.3505
Hunter-Lab	66.9203, 15.9874, 36.6706

Details

The Hex color **F0A244** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **4492F0**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFD979**, and **B36E07** is the 20% darker color. If you saturate the color by 10%, you get **F0972C**, and if you desaturate by 10%, it is **F0AD5C**.

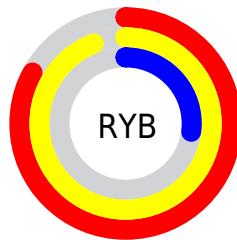
Distribution



Red (94%)

Green (64%)

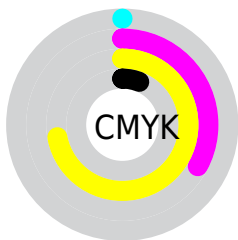
Blue (27%)



Red (83%)

Yellow (94%)

Blue (27%)

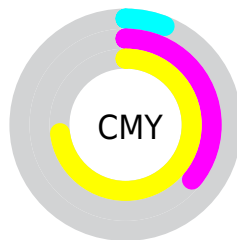


Cyan (0%)

Magenta (33%)

Yellow (72%)

Black (6%)



Cyan (6%)

Magenta (36%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0A244 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 F0A244 by changing the saturation by 10% instead.

 F0A244

 F0A244

FFFFFF

 D18829

 FFD979

 B36E07

 FFF594

 955600

 FFFF4F

 783E00

 FFFF00

 5C2800

 FFFF00

 401200

 280000

 000000

 F0A244

 F0A244

 F0972C

 F0AD5C

 F08C14

 F0B874

 F08300

 F0C38C

 F0CEA4

 F0D8BC

 F0E3D4

 F0EEEC

 F0F9FF

 F0FFFF

Harmonies

Analogous

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



FF8C6B



F0A244



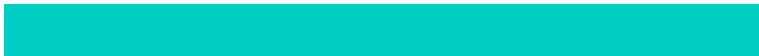
BFB63A

Triad

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



F0A244



00CEC5



D09BFF

Complementary

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



F0A244



4492F0

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.



6CB2FF



F0A244



00CCFB

Square

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



F0A244



00CC8A



00C3FF



FF86DA

Rectangle

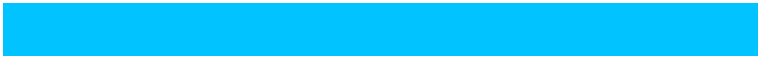
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F0A244



97C04A



00C3FF



B5A3FF

Sweetspot

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



F0A244



FFE6C7



F04494



80705E



000000



808080

Same Dimension

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



F0A244



FF9C24



EAF044



78726C



B86400



381F00

Inverse Universe

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



4492F0



2487FF



4A44F0



6C7178



0053B8



001938

Previews

White Background



This preview shows how the Hex color F0A244 looks on a white background.

Color Contrast Check

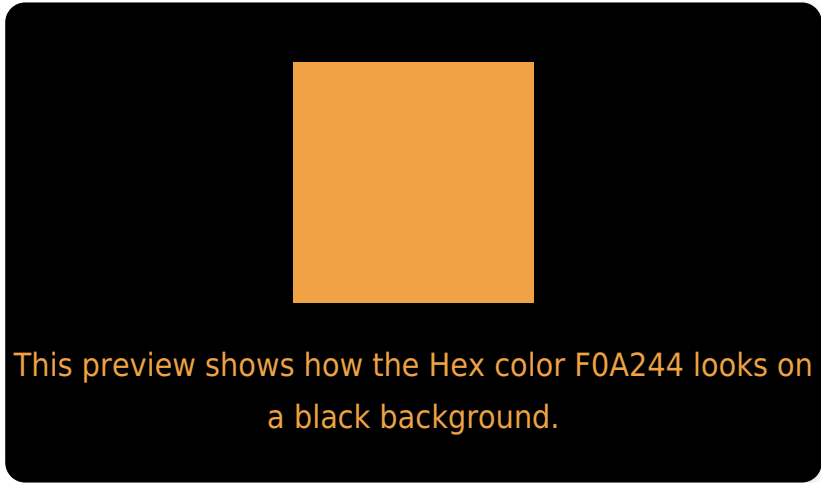
Large Text (above 18pt) WCAG AA × Fail

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 F0A244 Background



This preview shows how black text looks on a background with the Hex color F0A244.

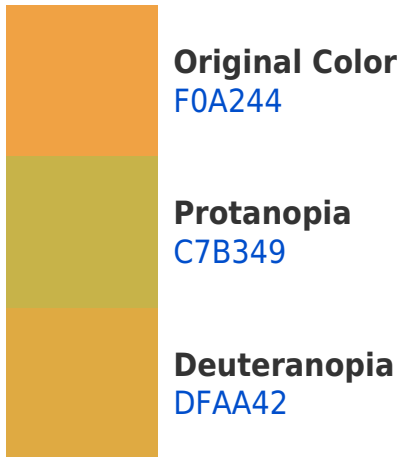


This preview shows how white text looks on a background with the Hex color F0A244.

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](#).

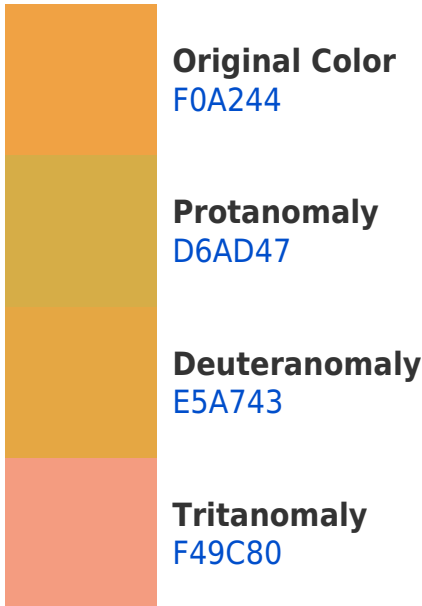
Dichromacy



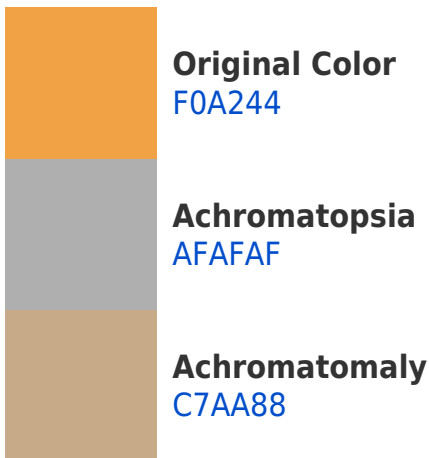


Tritanopia
F698A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F0A244 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 #F0A244 looks like.

```
.text, #text, p{  
    color:#F0A244  
}
```

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 #F0A244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0A244
}
```

Border

The CSS property to change the border of an element to Hex F0A244 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
#F0A244 }
```

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

```
.border{ border-color:#F0A244 }
```

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

Here you see how a box with a 4 pixel #F0A244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0A244; -webkit-box-shadow:4px 4px  
4px 4px #F0A244; box-shadow:4px 4px 4px  
4px #F0A244 }
```

Background

The CSS property to change the background color of an element to Hex F0A244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0A244 }
```

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

```
.background{ background-color:#F0A244 }
```

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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