

Converting Colors

Hex(F0A84F)

Have a look what the booklet for
Hex(F0A84F) contains.

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Color

Hex(F0A84F)

Conversions

Conversions Part 1

Format	Color
Hex	F0A84F
RGB	240, 168, 79
RGB Percent	94%, 66%, 31%
CMY	0.0588, 0.3412, 0.6902
CMYK	0.00, 0.30, 0.67, 0.06
HSL	33°, 84%, 63%
HSV	33°, 67%, 94%
XYZ	51.3491, 47.0950, 13.7810
YIQ	179.3820, 71.4810, -12.4150

Conversions

Conversions Part 2

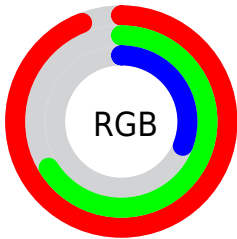
Format	Color
R_{YB}	209, 240, 79
Decimal	15771727
CIE _{Lab}	74.25, 18.21, 55.19
CIE _{LCh}	74, 58.116, 71.735
Yxy	47.0950, 0.4576, 0.4196
Android (android.graphics.Color)	4293961807 (0xFFFF0A84F)
YUV	179.3820, -49.4883, 53.1620
Hunter-Lab	68.6258, 13.4670, 36.1318

Details

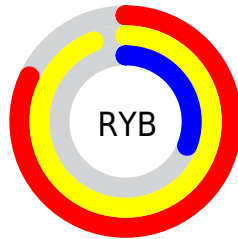
The Hex color **F0A84F** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **4F97F0**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFDF84**, and **B47419** is the 20% darker color. If you saturate the color by 10%, you get **F09D37**, and if you desaturate by 10%, it is **F0B367**.

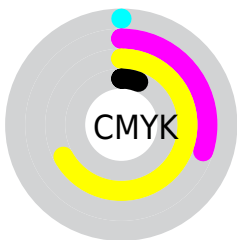
Distribution



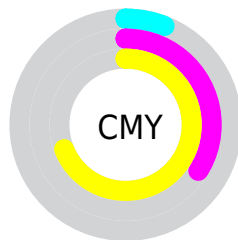
- Red (94%)
- Green (66%)
- Blue (31%)



- Red (82%)
- Yellow (94%)
- Blue (31%)



- Cyan (0%)
- Magenta (30%)
- Yellow (67%)
- Black (6%)



- Cyan (6%)
- Magenta (34%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0A84F 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 F0A84F by changing the saturation by 10% instead.

 F0A84F

 F0A84F

FFFFFF

 D28E35

 FFDF84

 B47419

 FFFC9F

 965B00

 FFFFBA

 794400

 FFFFD7

 5D2D00

 FFFFF4

 411800

 290100

 000000

 F0A84F

 F0A84F

 F09D37

 F0B367

 F0931F

 F0BD7F

 F08807

 F0C897

 F08500

 F0D3AF

 F0DEC7

 F0E8DF

 F0F3F7

 F0FEFF

 F0FFFF

Harmonies

Analogous

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



FF9472



F0A84F



C1BA48

Triad

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



F0A84F



00D1CB



D6A0FF

Complementary

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



F0A84F



4F97F0

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.



7FB5FF



F0A84F



00CFFC

Square

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



F0A84F



23CF93



00C5FF



FF8DD9

Rectangle

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



F0A84F



9BC457



00C5FF



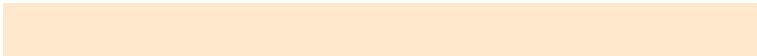
BDA7FF

Sweetspot

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



F0A84F



FFE8CC



F04F97



807261



000000



808080

Same Dimension

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



F0A84F



FFA330



E8F04F



78726C



B86500



381F00

Inverse Universe

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



4F97F0



308DFF



574FF0



6C7178



0052B8



001938

Previews

White Background



This preview shows how the Hex color F0A84F looks on a white background.

Color Contrast Check

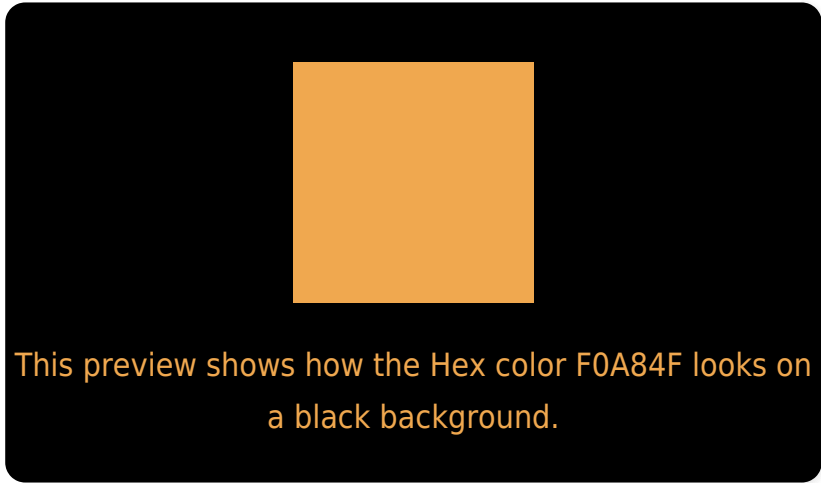
Large Text (above 18pt) WCAG AA × Fail

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 F0A84F Background



This preview shows how black text looks on a background with the Hex color F0A84F.



This preview shows how white text looks on a background with the Hex color F0A84F.

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
F0A84F

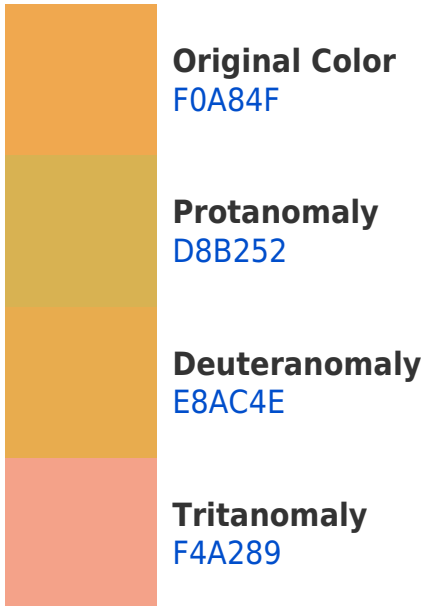
Protanopia
CBB754

Deuteranopia
E3AE4D



Tritanopia
F69EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F0A84F 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 #F0A84F looks like.

```
.text, #text, p{  
    color:#F0A84F  
}
```

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 #F0A84F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0A84F
}
```

Border

The CSS property to change the border of an element to Hex F0A84F 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
#F0A84F }
```

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

```
.border{ border-color:#F0A84F }
```

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

Here you see how a box with a 4 pixel #F0A84F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0A84F; -webkit-box-shadow:4px 4px  
4px 4px #F0A84F; box-shadow:4px 4px 4px  
4px #F0A84F }
```

Background

The CSS property to change the background color of an element to Hex F0A84F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0A84F }
```

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

```
.background{ background-color:#F0A84F }
```

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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