

Converting Colors

Hex(FAA75D)

Have a look what the booklet for
Hex(FAA75D) contains.

Hex(FAA75D)	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(FAA75D)

Conversions

Conversions Part 1

Format	Color
Hex	FAA75D
RGB	250, 167, 93
RGB Percent	98%, 65%, 36%
CMY	0.0196, 0.3451, 0.6353
CMYK	0.00, 0.33, 0.63, 0.02
HSL	28°, 94%, 67%
HSV	28°, 63%, 98%
XYZ	55.2188, 48.7517, 16.8556
YIQ	183.3810, 73.2220, -5.4180

Conversions

Conversions Part 2

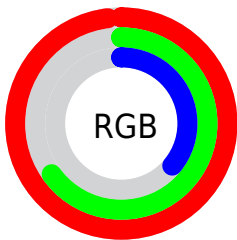
Format	Color
R _Y B	250, 233, 93
Decimal	16426845
CIE Lab	75.30, 23.69, 50.02
CIE LCh	75, 55.345, 64.658
Yxy	48.7517, 0.4570, 0.4035
Android (android.graphics.Color)	4294616925 (0xFFFAA75D)
YUV	183.3810, -44.5578, 58.4249
Hunter-Lab	69.8224, 18.9768, 34.5627

Details

The Hex color **FAA75D** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5DB0FA**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFDE91**, and **BD732B** is the 20% darker color. If you saturate the color by 10%, you get **FA9A44**, and if you desaturate by 10%, it is **FAB476**.

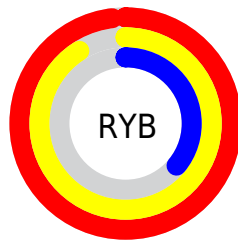
Distribution



Red (98%)

Green (65%)

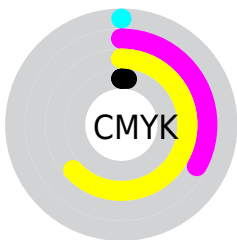
Blue (36%)



Red (98%)

Yellow (91%)

Blue (36%)

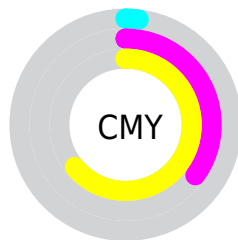


Cyan (0%)

Magenta (33%)

Yellow (63%)

Black (2%)



Cyan (2%)

Magenta (35%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color FAA75D 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 FAA75D by changing the saturation by 10% instead.

 FAA75D

 FAA75D

FFFFFF

 DB8C44

 FFDE91

 BD732B

 FFFBAD

 A05A0F

 FFFFC8

 824200

 FFFF E5

 662B00

 4A1500

 2F0000

 090000

 000000

■ FAA75D

■ FAA75D

■ FA9A44

■ FAB476

■ FA8D2B

■ FAC18F

■ FA7F12

■ FACFA8

■ FA7600

■ FADCC1

■ FAE9DA

■ FAF6F3

■ FAFFFF

Harmonies

Analogous

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



FF9582



FAA75D



D0B950

Triad

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



FAA75D



00D3C0



C8A9FF

Complementary

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



FAA75D



5DB0FA

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.



6DBCFF



FAA75D



00D2F2

Square

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



FAA75D



53D08C



00CAFF



FF96E6

Rectangle

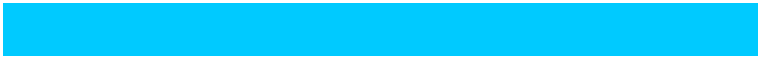
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FAA75D



ADC359



00CAFF



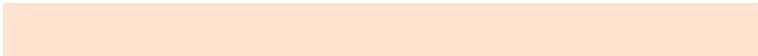
AEB0FF

Sweetspot

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



FAA75D



FFE5CF



FA5DB1



807062



000000



808080

Same Dimension

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



FAA75D



FF9A40



FAF55D



7D7670



BD5900



3D1D00

Inverse Universe

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



5DB0FA



40A5FF



5D62FA



70777D



0064BD



00203D

Previews

White Background



This preview shows how the Hex color FAA75D looks on a white background.

Color Contrast Check

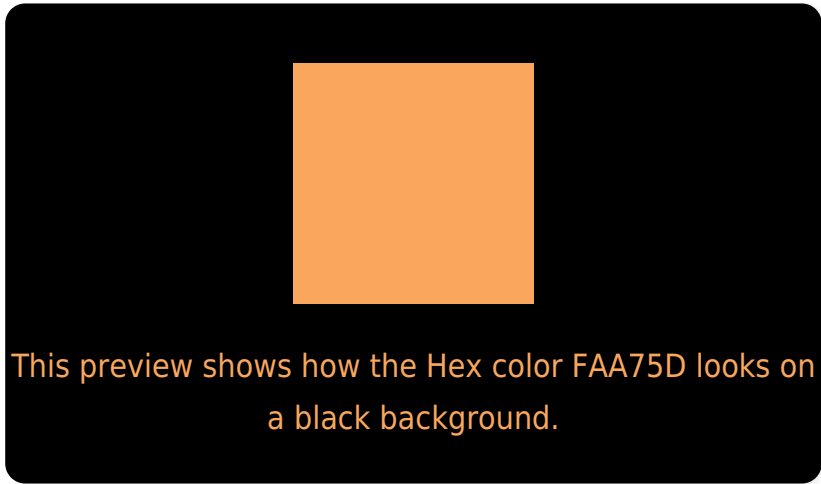
Large Text (above 18pt) WCAG AA × Fail

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

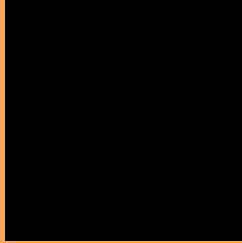
Any Text WCAG AA ✓ Pass

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 FAA75D Background



This preview shows how black text looks on a background with the Hex color FAA75D.

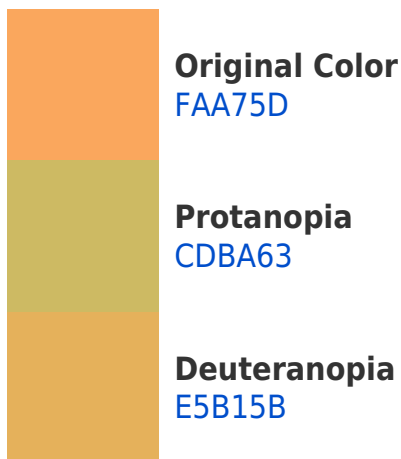


This preview shows how white text looks on a background with the Hex color FAA75D.

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](#).

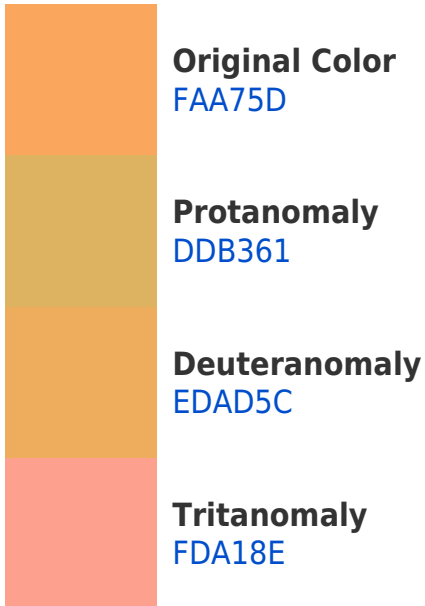
Dichromacy



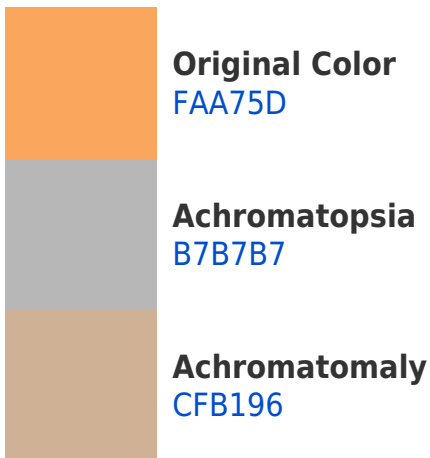


Tritanopia
FF9EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FAA75D 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 #FAA75D looks like.

```
.text, #text, p{  
    color:#FAA75D  
}
```

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 #FAA75D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FAA75D  
}
```

Border

The CSS property to change the border of an element to Hex FAA75D 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  
#FAA75D }
```

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

```
.border{ border-color:#FAA75D }
```

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

Here you see how a box with a 4 pixel #FAA75D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FAA75D; -webkit-box-shadow:4px 4px  
4px 4px #FAA75D; box-shadow:4px 4px 4px  
4px #FAA75D }
```

Background

The CSS property to change the background color of an element to Hex FAA75D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FAA75D }
```

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

```
.background{ background-color:#FAA75D }
```

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