

# Converting Colors

Hex(FCA15E)

Have a look what the booklet for  
Hex(FCA15E) contains.

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**Color**

**Hex(FCA15E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCA15E
RGB	252, 161, 94
RGB Percent	99%, 63%, 37%
CMY	0.0118, 0.3686, 0.6314
CMYK	0.00, 0.36, 0.63, 0.01
HSL	25°, 96%, 68%
HSV	25°, 63%, 99%
XYZ	54.9101, 46.9933, 16.7662
YIQ	180.5710, 75.7430, -1.5450

# Conversions

## Conversions Part 2

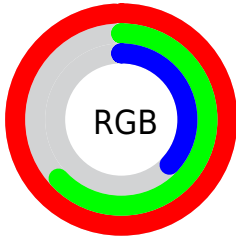
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">252, 210, 94</a>
Decimal	<a href="#">16556382</a>
CIELab	<a href="#">74.19, 27.70, 48.29</a>
CIELCh	<a href="#">74, 55.673, 60.164</a>
Yxy	<a href="#">46.9933, 0.4627, 0.3960</a>
Android (android.graphics.Color)	<a href="#">4294746462</a> ( <a href="#">0xFFFC A15E</a> )
YUV	<a href="#">180.5710, -42.6795, 62.6432</a>
Hunter-Lab	<a href="#">68.5517, 23.0137, 33.4852</a>

# Details

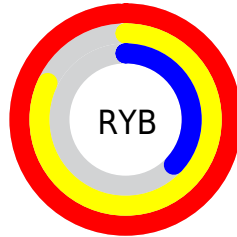
The Hex color **FCA15E** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5EB9FC**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFD892**, and **BF6D2C** is the 20% darker color. If you saturate the color by 10%, you get **FC9245**, and if you desaturate by 10%, it is **FCB077**.

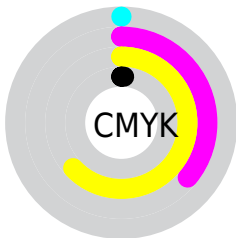
# Distribution



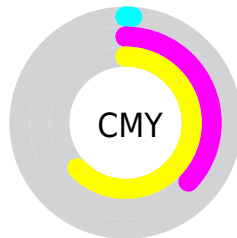
- Red (99%)
- Green (63%)
- Blue (37%)



- Red (99%)
- Yellow (82%)
- Blue (37%)



- Cyan (0%)
- Magenta (36%)
- Yellow (63%)
- Black (1%)



- Cyan (1%)
- Magenta (37%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FCA15E 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 FCA15E by changing the saturation by 10% instead.



 FCA15E

 FCA15E

FFFFFF

 DD8745

 FFD892

 BF6D2C

 FFF5AD

 A15412

 FFFFC9

 843C00

 FFFFE6

 672500

 4B0D00

 300000

 070000

 000000

 FCA15E

 FCA15E

 FC9245

 FCB077

 FC842C

 FCBE90

 FC7512

 FCCDAA

 FC6B00

 FCDDBC3

 FCEADC

 FCF8F5

 FCFFFF

# Harmonies

## Analogous

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



FF9086



FCA15E



D4B44C

# Triad

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



FCA15E



00D0B5



B9A9FF

# Complementary

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



FCA15E



5EB9FC

# 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.



54BCFF



FCA15E



00CFE8

# Square

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



FCA15E



5CCC81



00C9FF



F595EA

# Rectangle

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



FCA15E



B2BE52



00C9FF



9EB0FF

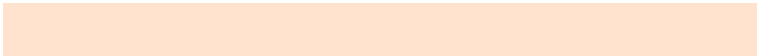


# Sweetspot

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



FCA15E



FFE3CF



FC5EBA



806F62



000000



808080



# Same Dimension

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



FCA15E



FF9140



FCEF5E



7D7670



BD5000



3D1A00

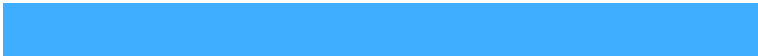


# Inverse Universe

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



5EB9FC



40AEFF



5E6BFC



70787D



006DBD



00233D



# Previews

## White Background



This preview shows how the Hex color FCA15E looks on a white background.

## Color Contrast Check

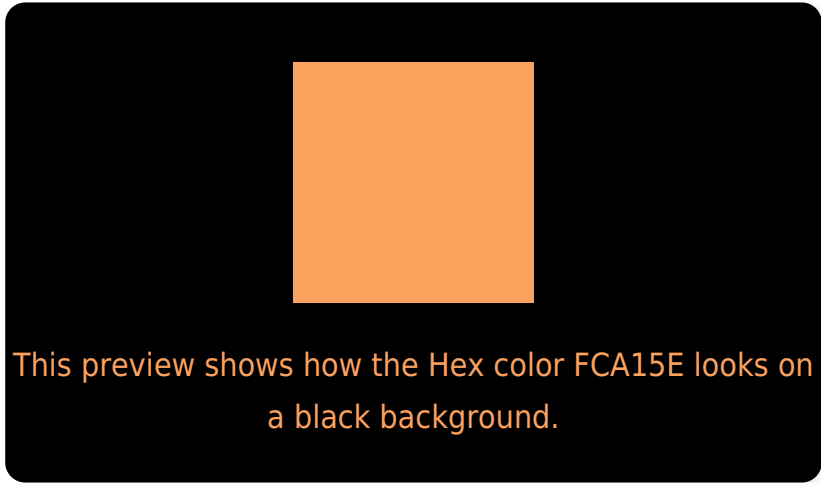
Large Text (above 18pt) WCAG AA × Fail

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 FCA15E Background



This preview shows how black text looks on a background with the Hex color FCA15E.

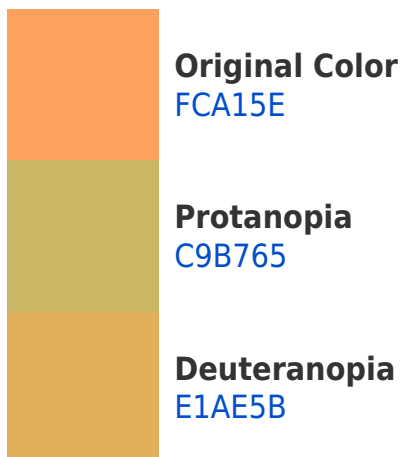


This preview shows how white text looks on a background with the Hex color FCA15E.

# 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](#).

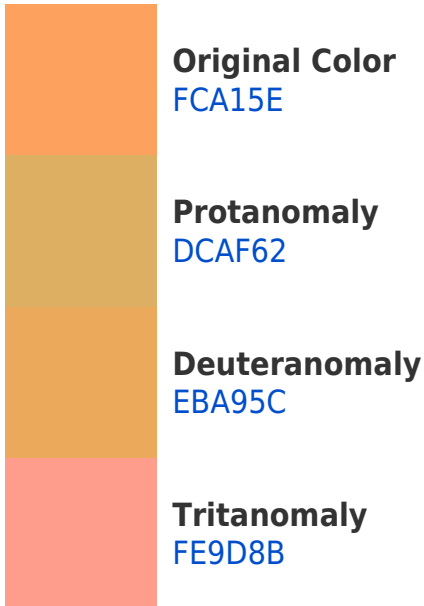
## Dichromacy



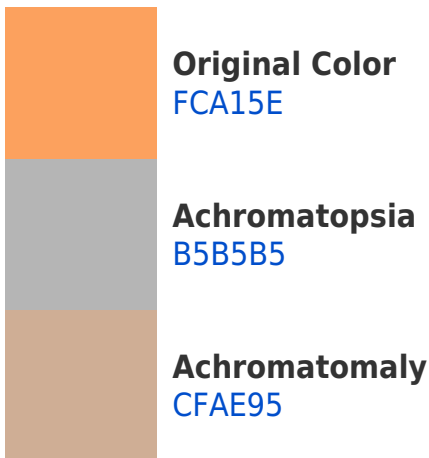


**Tritanopia**  
FF9AA5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FCA15E 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 #FCA15E looks like.

```
.text, #text, p{  
    color:#FCA15E  
}
```

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 #FCA15E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCA15E
}
```

## Border

The CSS property to change the border of an element to Hex FCA15E 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
#FCA15E }
```

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

```
.border{ border-color:#FCA15E }
```

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

Here you see how a box with a 4 pixel #FCA15E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCA15E; -webkit-box-shadow:4px 4px  
4px 4px #FCA15E; box-shadow:4px 4px 4px  
4px #FCA15E }
```

# Background

The CSS property to change the background color of an element to Hex FCA15E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCA15E }
```

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

```
.background{ background-color:#FCA15E }
```

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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