

# Converting Colors

Hex(F79557)

Have a look what the booklet for  
Hex(F79557) contains.

<b>Hex(F79557)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F79557)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F79557
RGB	247, 149, 87
RGB Percent	97%, 58%, 34%
CMY	0.0314, 0.4157, 0.6588
CMYK	0.00, 0.40, 0.65, 0.03
HSL	23°, 91%, 65%
HSV	23°, 65%, 97%
XYZ	50.8255, 41.9572, 14.4366
YIQ	171.2340, 78.3100, 1.4940

# Conversions

## Conversions Part 2

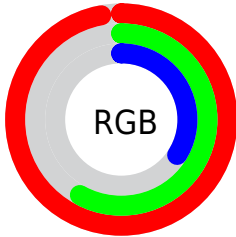
Format	Color
<a href="#">RYB</a>	<a href="#">247, 188, 87</a>
Decimal	<a href="#">16225623</a>
CIELab	<a href="#">70.84, 31.52, 47.74</a>
CIElCh	<a href="#">71, 57.209, 56.567</a>
Yxy	<a href="#">41.9572, 0.4740, 0.3913</a>
Android (android.graphics.Color)	<a href="#">4294415703</a> ( <a href="#">0xFFFF79557</a> )
YUV	<a href="#">171.2340, -41.5274, 66.4468</a>
Hunter-Lab	<a href="#">64.7744, 26.7058, 32.1278</a>

# Details

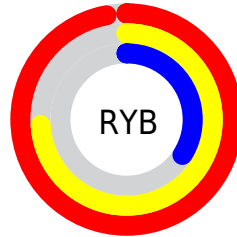
The Hex color **F79557** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **57B9F7**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFCC8B**, and **BA6126** is the 20% darker color. If you saturate the color by 10%, you get **F7863E**, and if you desaturate by 10%, it is **F7A470**.

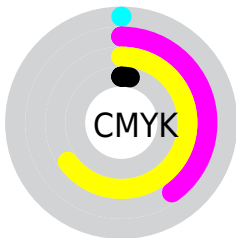
# Distribution



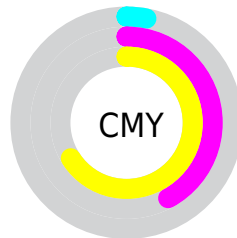
- Red (97%)
- Green (58%)
- Blue (34%)



- Red (97%)
- Yellow (74%)
- Blue (34%)



- Cyan (0%)
- Magenta (40%)
- Yellow (65%)
- Black (3%)



- Cyan (3%)
- Magenta (42%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F79557 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 F79557 by changing the saturation by 10% instead.



 F79557

 F79557

FFFFFF

 D87B3E

 FFCC8B

 BA6126

 FFE8A6

 9C480B

 FFFFC1

 7E3000

 FFFFDD

 611800

 FFFFFA

 450000

 2D0001

 000000

 F79557

 F79557

 F7863E

 F7A470

 F77726

 F7B388

 F7680D

 F7C2A1

 F76000

 F7D2BA

 F7E1D3

 F7F0EB

 F7FFFF

# Harmonies

## Analogous

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



FF8482



F79557



D0A940

# Triad

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



F79557



00C7A5



A6A2FF

# Complementary

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



F79557



57B9F7

# 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.



1CB5FF



F79557



00C7DA

# Square

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



F79557



5AC272



00C1FF



E88DE7

# Rectangle

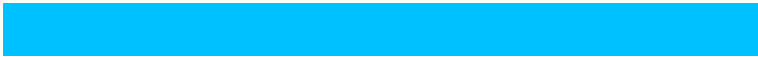
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F79557



AFB443



00C1FF



87A9FF

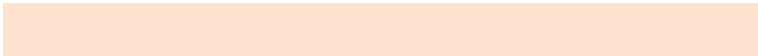


# Sweetspot

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



F79557



FFE1CF



F757BA



806E62



000000



808080



# Same Dimension

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



F79557



FF8538



F7E457



7A736E



BA4800



3B1700



# Inverse Universe

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



57B9F7



38B2FF



576AF7



6E767A



0072BA



00243B



# Previews

## White Background



This preview shows how the Hex color F79557 looks on a white background.

## Color Contrast Check

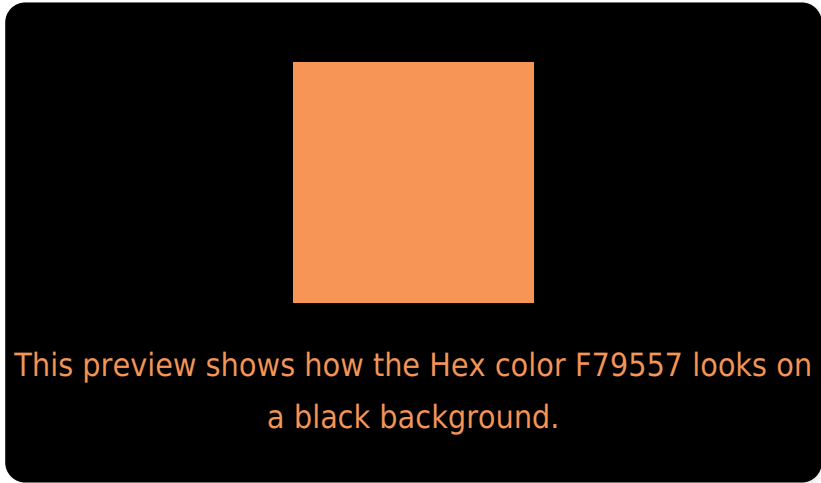
Large Text (above 18pt) WCAG AA × Fail

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 F79557 Background



This preview shows how black text looks on a background with the Hex color F79557.

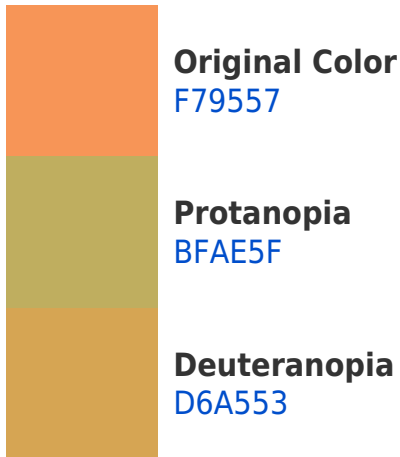


This preview shows how white text looks on a background with the Hex color F79557.

# 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](#).

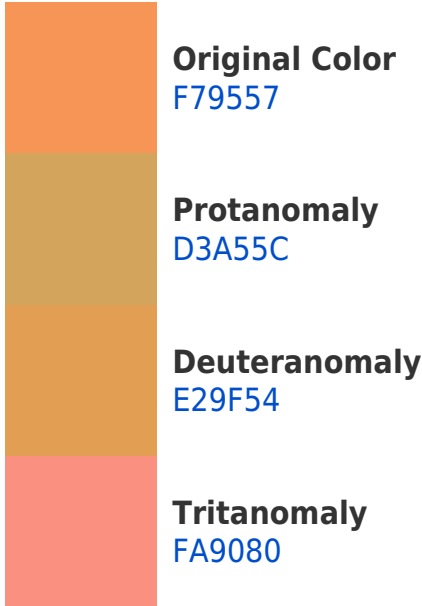
## Dichromacy



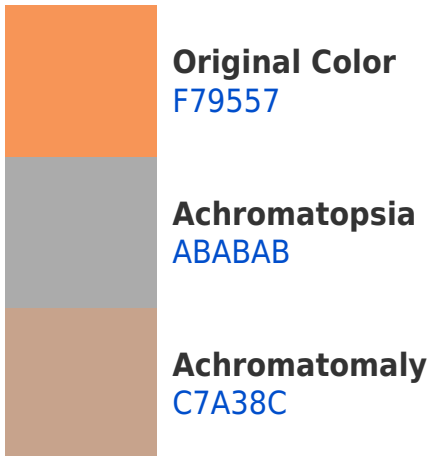


**Tritanopia**  
FB8D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F79557 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 #F79557 looks like.

```
.text, #text, p{  
  color:#F79557  
}
```

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 #F79557 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F79557
}
```

## Border

The CSS property to change the border of an element to Hex F79557 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
#F79557 }
```

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

```
.border{ border-color:#F79557 }
```

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

Here you see how a box with a 4 pixel #F79557 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F79557; -webkit-box-shadow:4px 4px  
4px 4px #F79557; box-shadow:4px 4px 4px  
4px #F79557 }
```

# Background

The CSS property to change the background color of an element to Hex F79557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F79557 }
```

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

```
.background{ background-color:#F79557 }
```

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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