

# Converting Colors

Hex(F29959)

Have a look what the booklet for  
Hex(F29959) contains.

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**Color**

**Hex(F29959)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F29959
RGB	242, 153, 89
RGB Percent	95%, 60%, 35%
CMY	0.0510, 0.4000, 0.6510
CMYK	0.00, 0.37, 0.63, 0.05
HSL	25°, 85%, 65%
HSV	25°, 63%, 95%
XYZ	49.8124, 42.3810, 15.0061
YIQ	172.3150, 73.5880, -1.0360

# Conversions

## Conversions Part 2

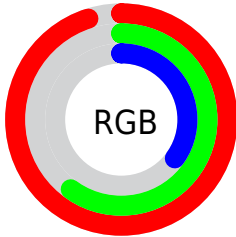
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 199, 89
Decimal	15898969
CIE <sub>Lab</sub>	71.13, 27.55, 46.92
CIE <sub>LCh</sub>	71, 54.411, 59.581
Yxy	42.3810, 0.4647, 0.3953
Android (android.graphics.Color)	4294089049 (0xFFFF29959)
YUV	172.3150, -41.0743, 61.1137
Hunter-Lab	65.1007, 22.6547, 31.9037

# Details

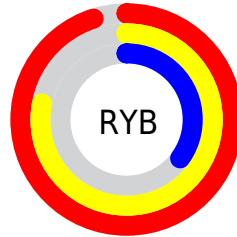
The Hex color **F29959** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **59B2F2**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFD08D**, and **B56528** is the 20% darker color. If you saturate the color by 10%, you get **F28B41**, and if you desaturate by 10%, it is **F2A771**.

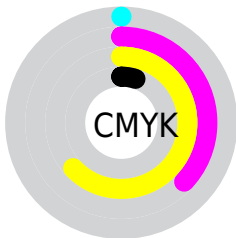
# Distribution



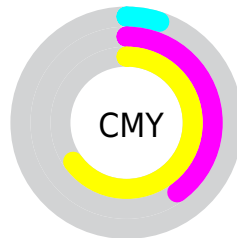
- Red (95%)
- Green (60%)
- Blue (35%)



- Red (95%)
- Yellow (78%)
- Blue (35%)



- Cyan (0%)
- Magenta (37%)
- Yellow (63%)
- Black (5%)



- Cyan (5%)
- Magenta (40%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F29959 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 F29959 by changing the saturation by 10% instead.



 F29959

 F29959

FFFFFF

 D37F40

 FFD08D

 B56528

 FFECA8

 984D0D

 FFFFC3

 7B3500

 FFFF00

 5E1E00

FFFFFFD

 420600

 2B0001

 000000

 F29959

 F29959

 F28B41

 F2A771

 F27D29

 F2B589

 F26F10

 F2C3A2

 F26500

 F2D1BA

 F2DFD2

 F2EDEA

 F2FCFF

 F2FFFF

# Harmonies

## Analogous

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



FF8980



F29959



CBAB47

# Triad

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



F29959



00C7AC



AFA1FF

# Complementary

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



F29959



59B2F2

# 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.



4AB4FF



F29959



00C6DE

# Square

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



F29959



58C37A



00C0FF



EA8EE1

# Rectangle

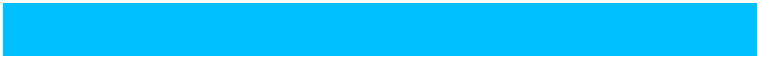
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F29959



ABB54C



00C0FF



94A8FF

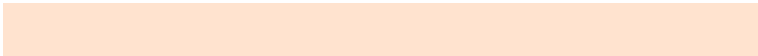


# Sweetspot

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



F29959



FFE3CF



F259B2



806E62



000000



808080



# Same Dimension

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



F29959



FF8E3D



F2E559



78716C



B84D00



381700



# Inverse Universe

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



59B2F2



3DAEFF



5966F2



6C7378



006BB8



002138



# Previews

## White Background



This preview shows how the Hex color F29959 looks on a white background.

## Color Contrast Check

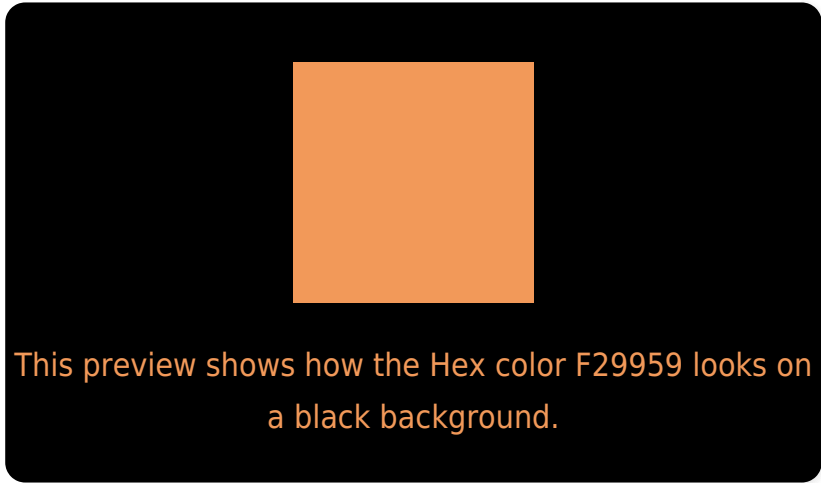
Large Text (above 18pt) WCAG AA × Fail

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

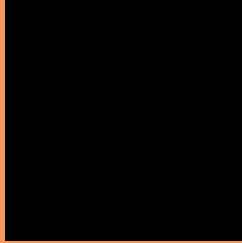
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F29959 Background



This preview shows how black text looks on a background with the Hex color F29959.

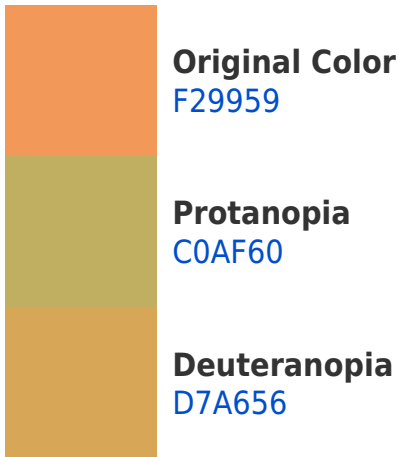



This preview shows how white text looks on a background with the Hex color F29959.

# 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](#).

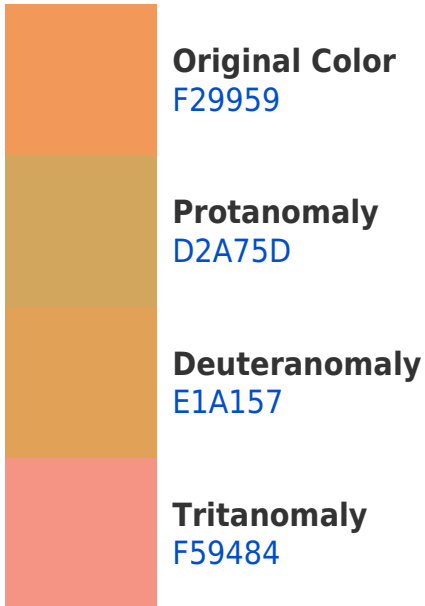
## Dichromacy



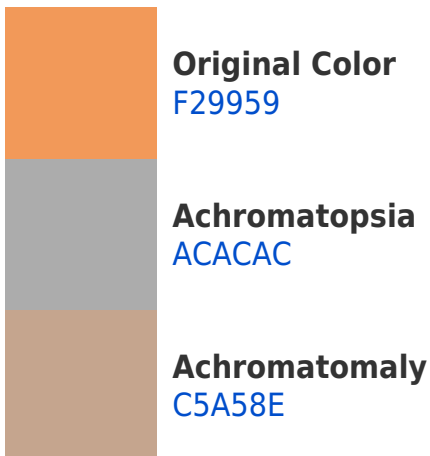


**Tritanopia**  
F6919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F29959 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 #F29959 looks like.

```
.text, #text, p{  
    color:#F29959  
}
```

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 #F29959 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F29959
}
```

## Border

The CSS property to change the border of an element to Hex F29959 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
#F29959 }
```

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

```
.border{ border-color:#F29959 }
```

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

Here you see how a box with a 4 pixel #F29959 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F29959; -webkit-box-shadow:4px 4px  
4px 4px #F29959; box-shadow:4px 4px 4px  
4px #F29959 }
```

# Background

The CSS property to change the background color of an element to Hex F29959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F29959 }
```

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

```
.background{ background-color:#F29959 }
```

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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