

Converting Colors

Hex(F56919)

Have a look what the booklet for
Hex(F56919) contains.

Hex(F56919)	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(F56919)

Conversions

Conversions Part 1

Format	Color
Hex	F56919
RGB	245, 105, 25
RGB Percent	96%, 41%, 10%
CMY	0.0392, 0.5882, 0.9020
CMYK	0.00, 0.57, 0.90, 0.04
HSL	22°, 92%, 53%
HSV	22°, 90%, 96%
XYZ	42.8832, 29.5858, 4.3701
YIQ	137.7400, 109.1200, 4.8000

Conversions

Conversions Part 2

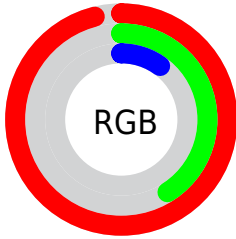
Format	Color
R_{YB}	245, 151, 25
Decimal	16083225
CIE _{Lab}	61.30, 50.32, 64.79
CIE _{LCh}	61, 82.037, 52.165
Yxy	29.5858, 0.5581, 0.3850
Android (android.graphics.Color)	4294273305 (0xFFFF56919)
YUV	137.7400, -55.5808, 94.0670
Hunter-Lab	54.3928, 45.5416, 33.3114

Details

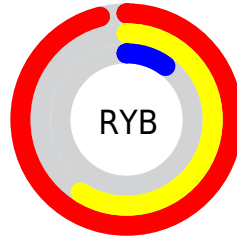
The Hex color **F56919** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **19A5F5**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFA050**, and **B53300** is the 20% darker color. If you saturate the color by 10%, you get **F55900**, and if you desaturate by 10%, it is **F57931**.

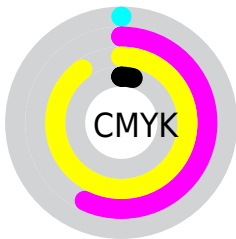
Distribution



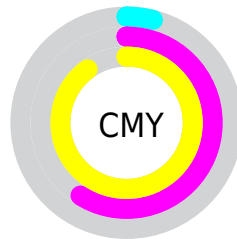
- Red (96%)
- Green (41%)
- Blue (10%)



- Red (96%)
- Yellow (59%)
- Blue (10%)



- Cyan (0%)
- Magenta (57%)
- Yellow (90%)
- Black (4%)



- Cyan (4%)
- Magenta (59%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color F56919 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 F56919 by changing the saturation by 10% instead.

 F56919

 F56919

FFFFFF

 D54E00

 FFA050

 B53300

 FFBC6A

 951200

 FFD885

 760000

 FFF5A0

 580000

 FFFFBC

 3C0002

 FFFFD9

 1A0001

 FFFFF6

 000000

 F56919

 F56919

 F55900

 F57931

 F5884A

 F59862

 F5A77B

 F5B793

 F5C7AC

 F5D6C4

 F5E6DD

 F5F5F6

Harmonies

Analogous

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



FF4362



F56919



C28A00

Triad

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



F56919



00B27E



5E89FF

Complementary

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



F56919



19A5F5

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.



00A3FF



F56919



00B4C9

Square

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



F56919



00AD30



00B0FF



D763EE

Rectangle

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



F56919



979A00



00B0FF



0093FF

Sweetspot

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



F56919



FFD3BA



F519A8



806657



000000



808080

Same Dimension

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



F56919



FF5D00



F5D419



7A736E



BA4400



3B1500

Inverse Universe

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



19A5F5



00A2FF



193AF5



6E767A



0076BA



00253B

Previews

White Background



This preview shows how the Hex color F56919 looks on a white background.

Color Contrast Check

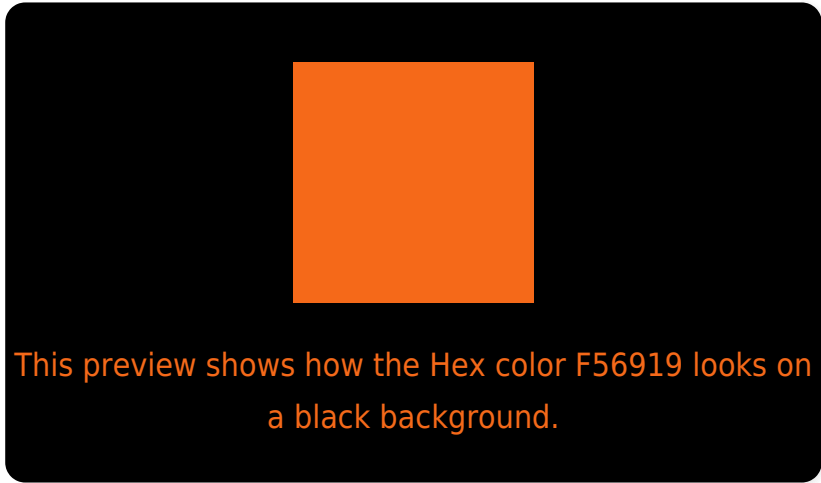
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex F56919 Background



This preview shows how black text looks on a background with the Hex color F56919.



This preview shows how white text looks on a background with the Hex color F56919.

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
F56919

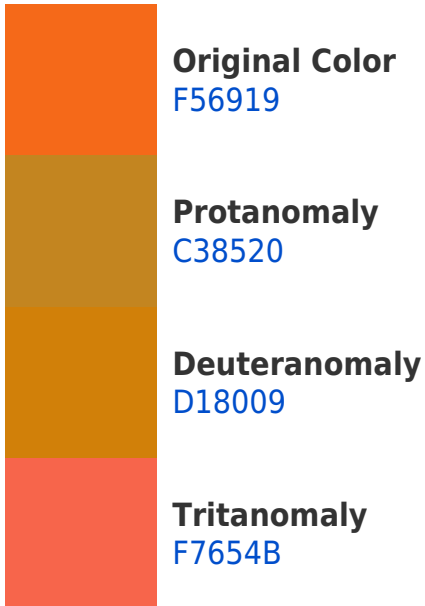
Protanopia
A79524

Deuteranopia
BC8D00

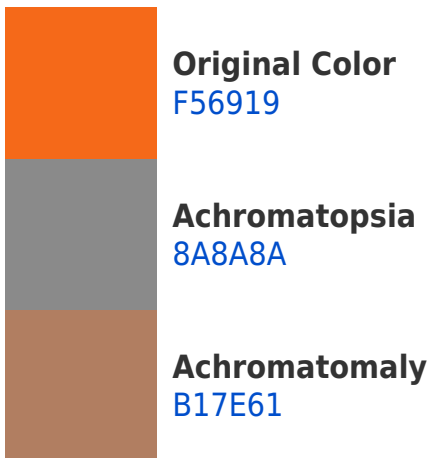


Tritanopia
F86268

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F56919 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 #F56919 looks like.

```
.text, #text, p{  
    color:#F56919  
}
```

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 #F56919 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F56919
}
```

Border

The CSS property to change the border of an element to Hex F56919 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
#F56919 }
```

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

```
.border{ border-color:#F56919 }
```

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

Here you see how a box with a 4 pixel #F56919 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F56919; -webkit-box-shadow:4px 4px  
4px 4px #F56919; box-shadow:4px 4px 4px  
4px #F56919 }
```

Background

The CSS property to change the background color of an element to Hex F56919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F56919 }
```

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

```
.background{ background-color:#F56919 }
```

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