

Converting Colors

Hex(F28613)

Have a look what the booklet for
Hex(F28613) contains.

Hex(F28613)	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(F28613)

Conversions

Conversions Part 1

Format	Color
Hex	F28613
RGB	242, 134, 19
RGB Percent	95%, 53%, 7%
CMY	0.0510, 0.4745, 0.9255
CMYK	0.00, 0.45, 0.92, 0.05
HSL	31°, 90%, 51%
HSV	31°, 92%, 95%
XYZ	45.2606, 35.9745, 5.1744
YIQ	153.1820, 101.2830, -12.8690

Conversions

Conversions Part 2

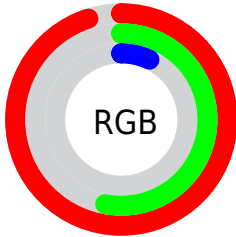
Format	Color
R_{YB}	228, 242, 19
Decimal	15894035
CIE _{Lab}	66.50, 34.84, 69.80
CIE _{LCh}	67, 78.013, 63.472
Yxy	35.9745, 0.5238, 0.4163
Android (android.graphics.Color)	4294084115 (0xFFFF28613)
YUV	153.1820, -66.1517, 77.8934
Hunter-Lab	59.9787, 29.7353, 36.8701

Details

The Hex color **F28613** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **137FF2**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFBC50**, and **B35300** is the 20% darker color. If you saturate the color by 10%, you get **F27D00**, and if you desaturate by 10%, it is **F2922B**.

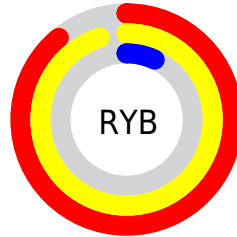
Distribution



Red (95%)

Green (53%)

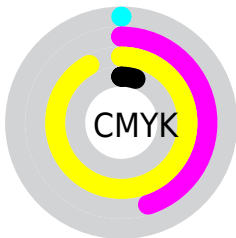
Blue (7%)



Red (89%)

Yellow (95%)

Blue (7%)

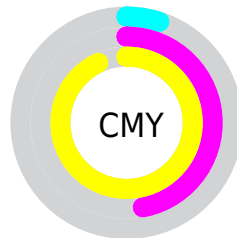


Cyan (0%)

Magenta (45%)

Yellow (92%)

Black (5%)



Cyan (5%)

Magenta (47%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color F28613 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 F28613 by changing the saturation by 10% instead.

 F28613

 F28613

FFFFFF

 D26C00

 FFBC50

 B35300

 FFD86C

 943A00

 FFF587

 762200

 FFFFA3

 580600

 FFFFBF

 3C0000

 FFFFDC

 220001

 FFFFF9

 000000

 F28613

 F28613

 F27D00

 F2922B

 F29D43

 F2A95C

 F2B574

 F2C18C

 F2CCA4

 F2D8BC

 F2E4D5

 F2EFED

Harmonies

Analogous

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



FF6658



F28613



BAA100

Triad

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



F28613



00C1A8



AA8BFF

Complementary

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



F28613



137FF2

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.



00A8FF



F28613



00C0EE

Square

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



F28613



00BD5F



00B9FF



FB68E2

Rectangle

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



F28613



8DAE00



00B9FF



7E96FF

Sweetspot

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



F28613



FFDCB8



F21382



806B54



000000



808080

Same Dimension

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



F28613



FF8400



F2F213



78726C



B85F00



381D00

Inverse Universe

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



137FF2



007BFF



1313F2



6C7278



0059B8



001B38

Previews

White Background



This preview shows how the Hex color F28613 looks on a white background.

Color Contrast Check

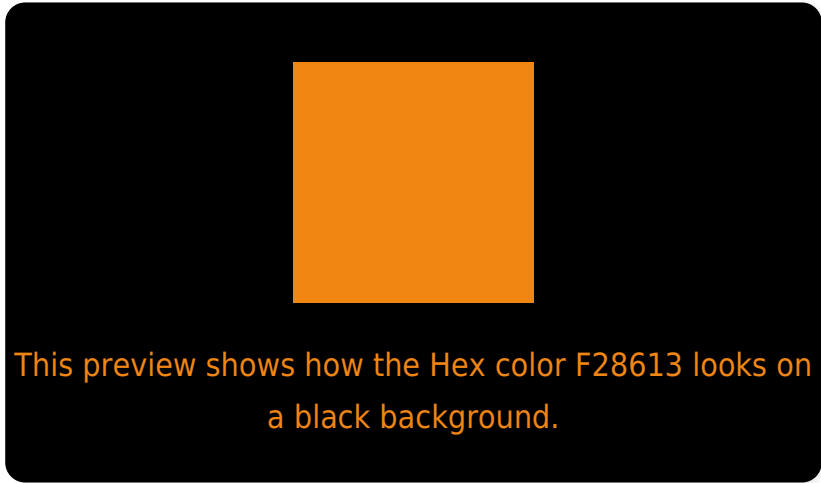
Large Text (above 18pt) WCAG AA × Fail

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 F28613 Background



This preview shows how black text looks on a background with the Hex color F28613.

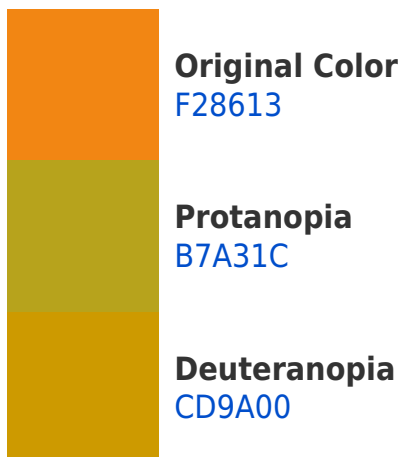



This preview shows how white text looks on a background with the Hex color F28613.

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](#).

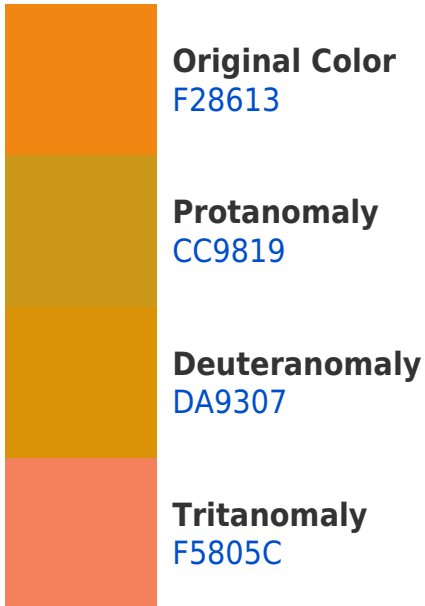
Dichromacy



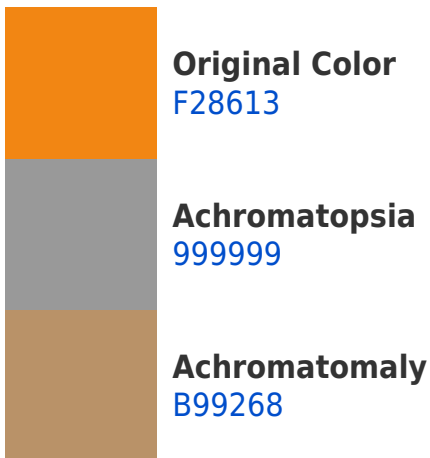


Tritanopia
F67D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F28613 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 #F28613 looks like.

```
.text, #text, p{  
    color:#F28613  
}
```

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 #F28613 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F28613
}
```

Border

The CSS property to change the border of an element to Hex F28613 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
#F28613 }
```

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

```
.border{ border-color:#F28613 }
```

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

Here you see how a box with a 4 pixel #F28613 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F28613; -webkit-box-shadow:4px 4px  
4px 4px #F28613; box-shadow:4px 4px 4px  
4px #F28613 }
```

Background

The CSS property to change the background color of an element to Hex F28613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F28613 }
```

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

```
.background{ background-color:#F28613 }
```

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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