

# Converting Colors

Hex(F38C28)

Have a look what the booklet for  
Hex(F38C28) contains.

<b>Hex(F38C28)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(F38C28)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F38C28
RGB	243, 140, 40
RGB Percent	95%, 55%, 16%
CMY	0.0471, 0.4510, 0.8431
CMYK	0.00, 0.42, 0.84, 0.05
HSL	30°, 89%, 55%
HSV	30°, 84%, 95%
XYZ	46.7232, 37.9641, 6.8727
YIQ	159.3970, 93.4880, -9.2640

# Conversions

## Conversions Part 2

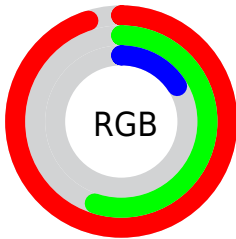
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	243, 237, 40
Decimal	15961128
CIE Lab	67.99, 32.57, 65.19
CIE LCh	68, 72.868, 63.454
Yxy	37.9641, 0.5103, 0.4146
Android (android.graphics.Color)	4294151208 (0xFFFF38C28)
YUV	159.3970, -58.8627, 73.3198
Hunter-Lab	61.6150, 27.5321, 36.5171

# Details

The Hex color **F38C28** 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 **288FF3**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFC25F**, and **B45900** is the 20% darker color. If you saturate the color by 10%, you get **F38010**, and if you desaturate by 10%, it is **F39840**.

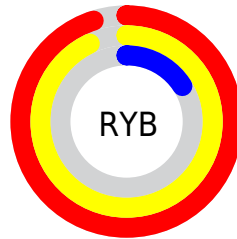
# Distribution



Red (95%)

Green (55%)

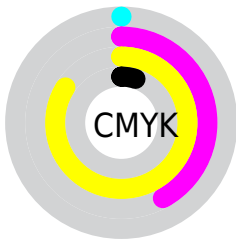
Blue (16%)



Red (95%)

Yellow (93%)

Blue (16%)

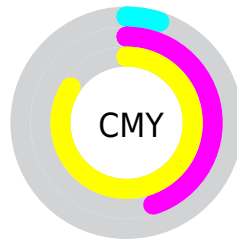


Cyan (0%)

Magenta (42%)

Yellow (84%)

Black (5%)



Cyan (5%)

Magenta (45%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F38C28 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 F38C28 by changing the saturation by 10% instead.



 F38C28

 F38C28

FFFFFF

 D37201

 FFC25F

 B45900

 FFDE7A

 964000

 FFFB95

 782800

 FFFFB1

 5A0F00

 FFFFCD

 3E0000

 FFFFEA

 250001

 000000

 F38C28

 F38C28

 F38010

 F39840

 F37800

 F3A559

 F3B171

 F3BD89

 F3CAA2

 F3D6BA

 F3E2D2

 F3EFEA

 F3FBFF

# Harmonies

## Analogous

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



FF7061



F38C28



BFA500

# Triad

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



F38C28



00C4AC



AF91FF

# Complementary

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



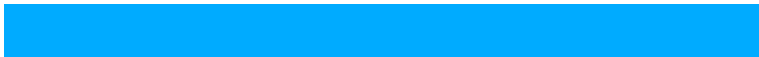
F38C28



288FF3

# 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.



00ABFF



F38C28



00C3ED

# Square

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



F38C28



00C068



00BCFF



FA72E2

# Rectangle

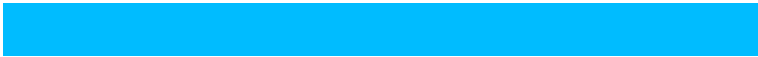
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F38C28



94B213



00BCFF



889AFF

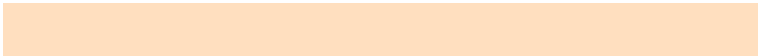


# Sweetspot

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



F38C28



FFDFBF



F32891



806C59



000000



808080



# Same Dimension

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



F38C28



FF7E00



F3F028



7A746E



BA5C00



3B1D00



# Inverse Universe

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



288FF3



0081FF



282BF3



6E747A



005EBA



001E3B



# Previews

## White Background



This preview shows how the Hex color F38C28 looks on a white background.

## Color Contrast Check

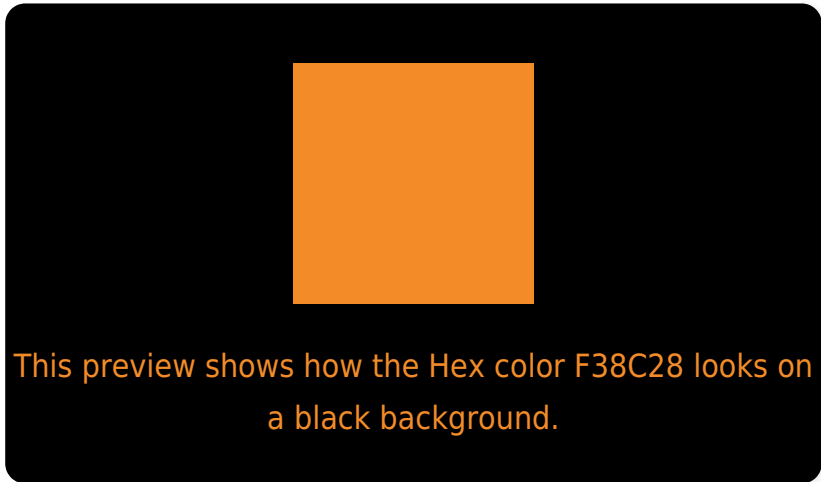
Large Text (above 18pt) WCAG AA × Fail

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 F38C28 Background



This preview shows how black text looks on a background with the Hex color F38C28.



This preview shows how white text looks on a background with the Hex color F38C28.

# 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**  
F38C28

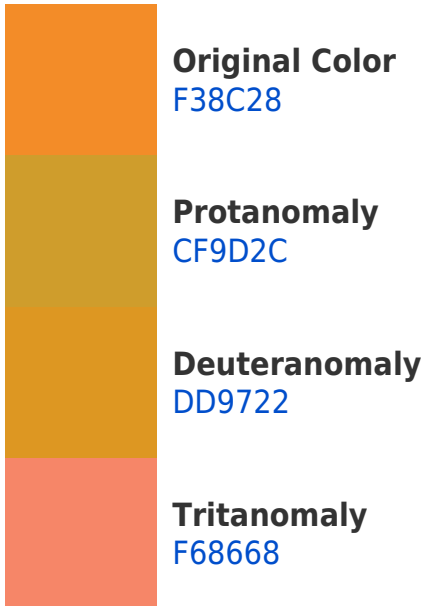
**Protanopia**  
BAA72F

**Deuteranopia**  
D19E1F



**Tritanopia**  
F8838C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F38C28 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 #F38C28 looks like.

```
.text, #text, p{  
    color:#F38C28  
}
```

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 #F38C28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F38C28
}
```

## Border

The CSS property to change the border of an element to Hex F38C28 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
#F38C28 }
```

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

```
.border{ border-color:#F38C28 }
```

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

Here you see how a box with a 4 pixel #F38C28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F38C28; -webkit-box-shadow:4px 4px  
4px 4px #F38C28; box-shadow:4px 4px 4px  
4px #F38C28 }
```

# Background

The CSS property to change the background color of an element to Hex F38C28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F38C28 }
```

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

```
.background{ background-color:#F38C28 }
```

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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