

# Converting Colors

Hex(F68D41)

Have a look what the booklet for  
Hex(F68D41) contains.

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**Color**

**Hex(F68D41)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F68D41
RGB	246, 141, 65
RGB Percent	96%, 55%, 25%
CMY	0.0353, 0.4471, 0.7451
CMYK	0.00, 0.43, 0.74, 0.04
HSL	25°, 91%, 61%
HSV	25°, 74%, 96%
XYZ	48.4850, 39.0242, 9.9780
YIQ	163.7310, 86.9760, -1.3760

# Conversions

## Conversions Part 2

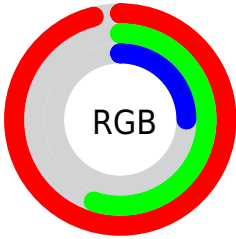
Format	Color
R <sub>Y</sub> B	246, 196, 65
Decimal	16158017
CIE Lab	68.77, 34.13, 55.98
CIE LCh	69, 65.565, 58.635
Yxy	39.0242, 0.4973, 0.4003
Android (android.graphics.Color)	4294348097 (0xFFFF68D41)
YUV	163.7310, -48.6744, 72.1499
Hunter-Lab	62.4694, 29.2197, 34.2584

# Details

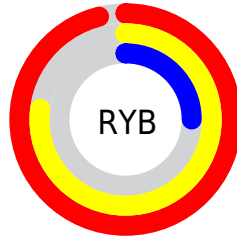
The Hex color **F68D41** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **41AAF6**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFC375**, and **B85908** is the 20% darker color. If you saturate the color by 10%, you get **F67F28**, and if you desaturate by 10%, it is **F69B5A**.

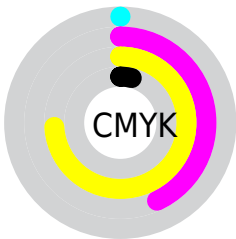
# Distribution



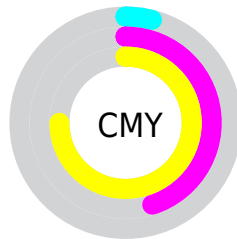
- Red (96%)
- Green (55%)
- Blue (25%)



- Red (96%)
- Yellow (77%)
- Blue (25%)



- Cyan (0%)
- Magenta (43%)
- Yellow (74%)
- Black (4%)



- Cyan (4%)
- Magenta (45%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F68D41 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 F68D41 by changing the saturation by 10% instead.



 F68D41

 F68D41

FFFFFF

 D77327

 FFC375

 B85908

 FFE08F

 994100

 FFFDAB

 7C2800

 FFFFC7

 5E0F00

 FFFF E3

 420000

 2A0001

 000000

 F68D41

 F68D41

 F67F28

 F69B5A

 F67010

 F6AA72

 F66700

 F6B88B

 F6C6A3

 F6D4BC

 F6E3D5

 F6F1ED

 F6FFFF

# Harmonies

## Analogous

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



FF7772



F68D41



C9A423

# Triad

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



F68D41



00C4A3



A399FF

# Complementary

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



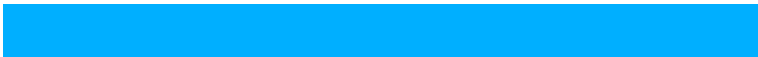
F68D41



41AAF6

# 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.



00AFFF



F68D41



00C3DF

# Square

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



F68D41



34BF67



00BDFE



ED7FE6

# Rectangle

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



F68D41



A3B02A



00BDFF



7EA1FF

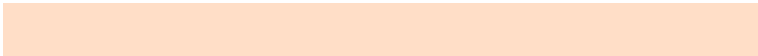


# Sweetspot

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



F68D41



FFDEC7



F641AB



806C5E



000000



808080



# Same Dimension

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



F68D41



FF7D1F



F6E741



7A736E



BA4E00



3B1900



# Inverse Universe

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



41AAF6



1FA1FF



4150F6



6E757A



006CBA



00223B



# Previews

## White Background



This preview shows how the Hex color F68D41 looks on a white background.

## Color Contrast Check

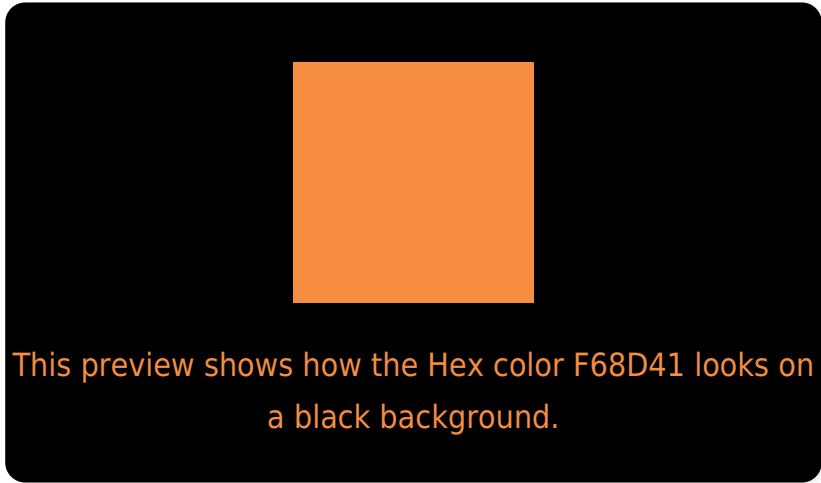
Large Text (above 18pt) WCAG AA × Fail

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 F68D41 Background



This preview shows how black text looks on a background with the Hex color F68D41.



This preview shows how white text looks on a background with the Hex color F68D41.

# 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**  
F68D41

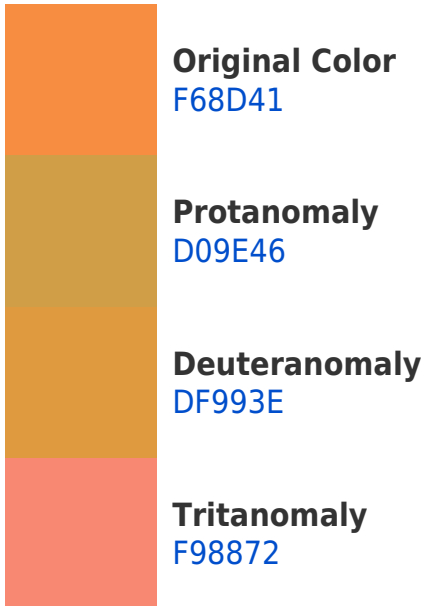
**Protanopia**  
BBA849

**Deuteranopia**  
D2A03C

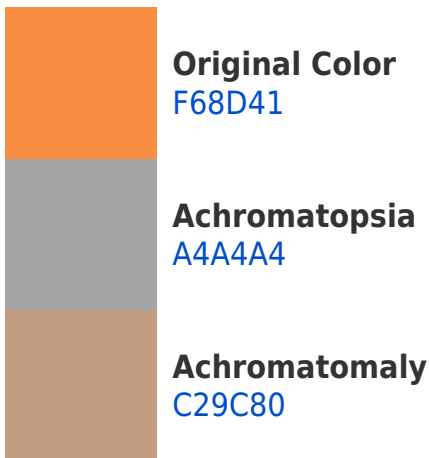


**Tritanopia**  
FA858E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F68D41 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 #F68D41 looks like.

```
.text, #text, p{  
    color:#F68D41  
}
```

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 #F68D41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F68D41
}
```

## Border

The CSS property to change the border of an element to Hex F68D41 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
#F68D41 }
```

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

```
.border{ border-color:#F68D41 }
```

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

Here you see how a box with a 4 pixel #F68D41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F68D41; -webkit-box-shadow:4px 4px  
4px 4px #F68D41; box-shadow:4px 4px 4px  
4px #F68D41 }
```

# Background

The CSS property to change the background color of an element to Hex F68D41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F68D41 }
```

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

```
.background{ background-color:#F68D41 }
```

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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