

# Converting Colors

Hex(F28E41)

Have a look what the booklet for  
Hex(F28E41) contains.

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# **Color**

**Hex(F28E41)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F28E41
RGB	242, 142, 65
RGB Percent	95%, 56%, 25%
CMY	0.0510, 0.4431, 0.7451
CMYK	0.00, 0.41, 0.73, 0.05
HSL	26°, 87%, 60%
HSV	26°, 73%, 95%
XYZ	47.2451, 38.6049, 9.9624
YIQ	163.1220, 84.3170, -2.7470

# Conversions

## Conversions Part 2

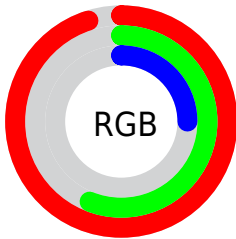
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 201, 65
Decimal	15896129
CIE <sub>Lab</sub>	68.46, 32.00, 55.51
CIE <sub>LCh</sub>	68, 64.071, 60.032
Yxy	38.6049, 0.4931, 0.4029
Android (android.graphics.Color)	4294086209 (0xFFFF28E41)
YUV	163.1220, -48.3741, 69.1760
Hunter-Lab	62.1328, 26.9968, 33.9864

# Details

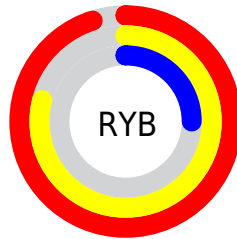
The Hex color **F28E41** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **41A5F2**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFC475**, and **B45B08** is the 20% darker color. If you saturate the color by 10%, you get **F28029**, and if you desaturate by 10%, it is **F29C59**.

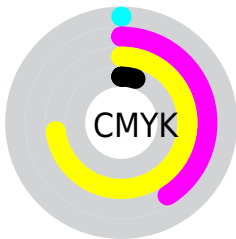
# Distribution



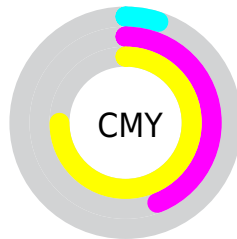
- Red (95%)
- Green (56%)
- Blue (25%)



- Red (95%)
- Yellow (79%)
- Blue (25%)



- Cyan (0%)
- Magenta (41%)
- Yellow (73%)
- Black (5%)



- Cyan (5%)
- Magenta (44%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F28E41 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 F28E41 by changing the saturation by 10% instead.



 F28E41

 F28E41

FFFFFF

 D37427

 FFC475

 B45B08

 FFE18F

 964200

 FFFDAB

 782A00

 FFFF66

 5B1200

 FFFF33

 3F0000

 270001

 000000

 F28E41

 F28E41

 F28029

 F29C59

 F27311

 F2A971

 F26900

 F2B78A

 F2C5A2

 F2D2BA

 F2E0D2

 F2EEEE

 F2FBFF

 F2FFFF

# Harmonies

## Analogous

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



FF7870



F28E41



C5A426

# Triad

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



F28E41



00C3A5



A798FF

# Complementary

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



F28E41



41A5F2

# 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.



00AEFF



F28E41



00C2DF

# Square

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



F28E41



31BE6A



00BCFF



ED7FE2

# Rectangle

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



F28E41



A0B02F



00BCFF



84A0FF

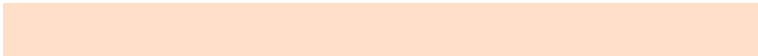


# Sweetspot

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



F28E41



FFDFC7



F241A5



806D5E



000000



808080



# Same Dimension

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



F28E41



FF801F



F2E641



78716C



B85000



381800



# Inverse Universe

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



41A5F2



1F9DFF



414DF2



6C7378



0068B8



002038



# Previews

## White Background



This preview shows how the Hex color F28E41 looks on a white background.

## Color Contrast Check

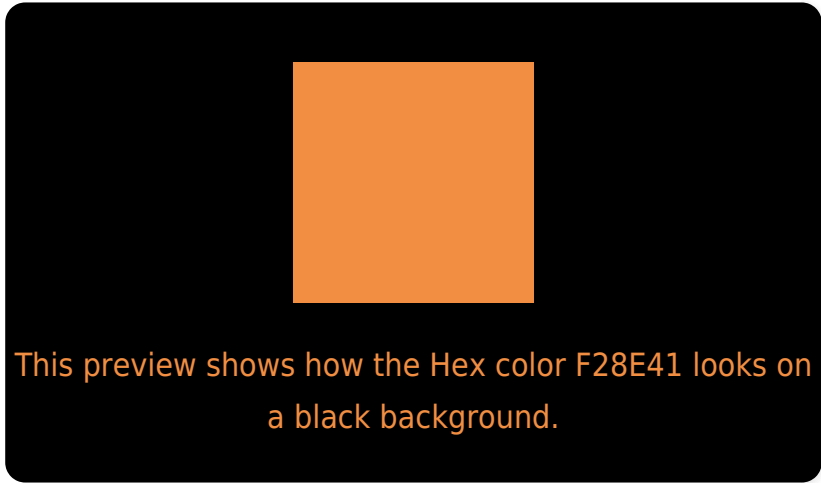
Large Text (above 18pt) WCAG AA × Fail

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

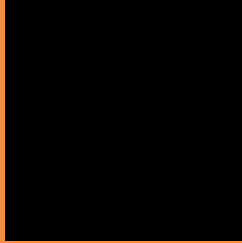
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F28E41 Background



This preview shows how black text looks on a background with the Hex color F28E41.



This preview shows how white text looks on a background with the Hex color F28E41.

# 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**  
F28E41

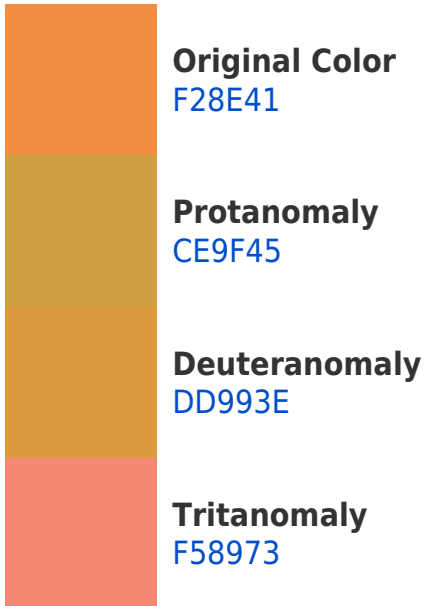
**Protanopia**  
BAA848

**Deuteranopia**  
D19F3C

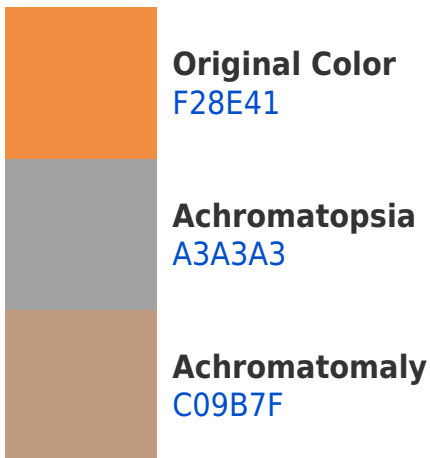


**Tritanopia**  
F6868F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F28E41 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 #F28E41 looks like.

```
.text, #text, p{  
    color:#F28E41  
}
```

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 #F28E41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F28E41
}
```

## Border

The CSS property to change the border of an element to Hex F28E41 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
#F28E41 }
```

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

```
.border{ border-color:#F28E41 }
```

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

Here you see how a box with a 4 pixel #F28E41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F28E41; -webkit-box-shadow:4px 4px  
4px 4px #F28E41; box-shadow:4px 4px 4px  
4px #F28E41 }
```

# Background

The CSS property to change the background color of an element to Hex F28E41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F28E41 }
```

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

```
.background{ background-color:#F28E41 }
```

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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