

# Converting Colors

Hex(F28D65)

Have a look what the booklet for  
Hex(F28D65) contains.

<b>Hex(F28D65)</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(F28D65)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F28D65
RGB	242, 141, 101
RGB Percent	95%, 55%, 40%
CMY	0.0510, 0.4471, 0.6039
CMYK	0.00, 0.42, 0.58, 0.05
HSL	17°, 84%, 67%
HSV	17°, 58%, 95%
XYZ	48.4918, 38.8666, 17.2581
YIQ	166.6390, 73.0360, 8.9720

# Conversions

## Conversions Part 2

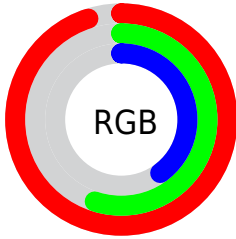
Format	Color
R <sub>Y</sub> B	242, 157, 101
Decimal	15895909
CIE Lab	68.65, 34.64, 37.72
CIE LCh	69, 51.210, 47.439
Yxy	38.8666, 0.4635, 0.3715
Android (android.graphics.Color)	4294085989 (0xFFFF28D65)
YUV	166.6390, -32.3600, 66.0916
Hunter-Lab	62.3431, 29.7408, 27.2272

# Details

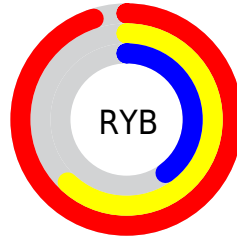
The Hex color **F28D65** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **65CAF2**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFC499**, and **B55935** is the 20% darker color. If you saturate the color by 10%, you get **F27C4D**, and if you desaturate by 10%, it is **F29E7D**.

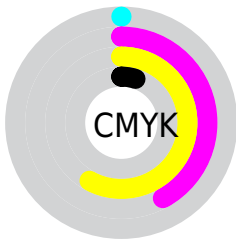
# Distribution



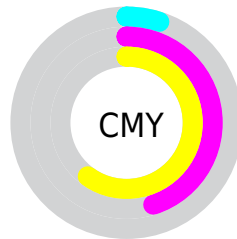
- Red (95%)
- Green (55%)
- Blue (40%)



- Red (95%)
- Yellow (62%)
- Blue (40%)



- Cyan (0%)
- Magenta (42%)
- Yellow (58%)
- Black (5%)



- Cyan (5%)
- Magenta (45%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F28D65 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 F28D65 by changing the saturation by 10% instead.



 F28D65

 F28D65

FFFFFF

 D3734C

 FFC499

 B55935

 FFE0B4

 98401E

 FFFDCF

 7B2806

 FFFFEC

 5E0D00

 420000

 2A0001

 000000

 F28D65

 F28D65

 F27C4D

 F29E7D

 F26A35

 F2B095

 F2591C

 F2C1AE

 F24804

 F2D2C6

 F24500

 F2E4DE

 F2F5F6

 F2FFFF

# Harmonies

## Analogous

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



FF818E



F28D65



D39E4B

# Triad

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



F28D65



11BE92



8AA3FF

# Complementary

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



F28D65



65CAF2

# 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.



00B2FF



F28D65



00BFC2

# Square

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



F28D65



73B866



00BBE8



CD91E7

# Rectangle

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



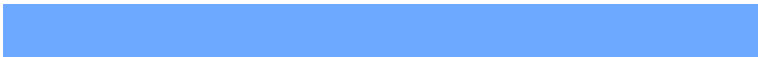
F28D65



B8A948



00BBEB



6CA9FF

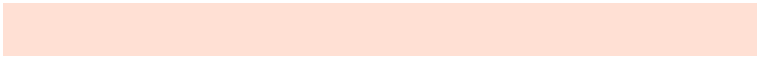


# Sweetspot

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



F28D65



FFE0D4



F265CA



806D66



000000



808080



# Same Dimension

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



F28D65



FF7F4D



F2D365



786F6C



B83400



381000



# Inverse Universe

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



65CAF2



4DCCFF



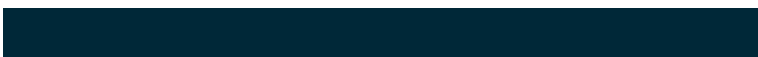
6584F2



6C7478



0084B8



002838



# Previews

## White Background



This preview shows how the Hex color F28D65 looks on a white background.

## Color Contrast Check

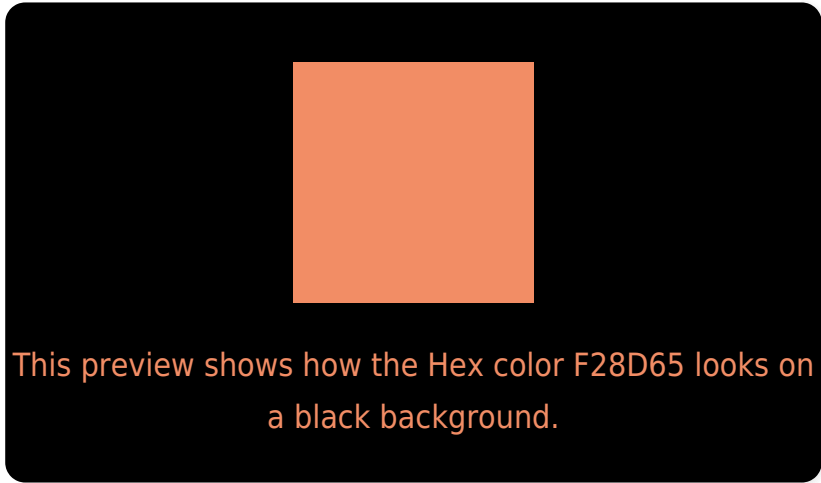
Large Text (above 18pt) WCAG AA × Fail

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

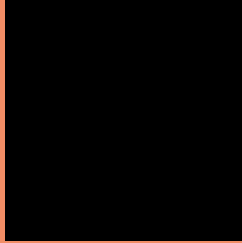
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F28D65 Background



This preview shows how black text looks on a background with the Hex color F28D65.

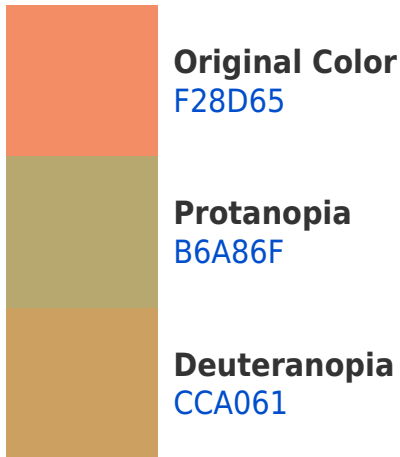


This preview shows how white text looks on a background with the Hex color F28D65.

# 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](#).

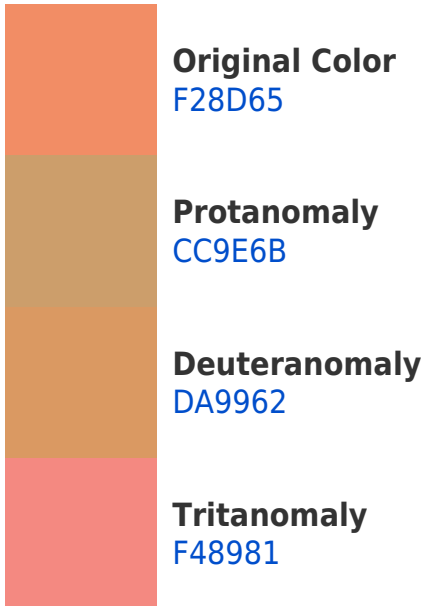
## Dichromacy





**Tritanopia**  
F58791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F28D65 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 #F28D65 looks like.

```
.text, #text, p{  
    color:#F28D65  
}
```

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 #F28D65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F28D65
}
```

## Border

The CSS property to change the border of an element to Hex F28D65 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
#F28D65 }
```

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

```
.border{ border-color:#F28D65 }
```

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

Here you see how a box with a 4 pixel #F28D65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F28D65; -webkit-box-shadow:4px 4px  
4px 4px #F28D65; box-shadow:4px 4px 4px  
4px #F28D65 }
```

# Background

The CSS property to change the background color of an element to Hex F28D65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F28D65 }
```

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

```
.background{ background-color:#F28D65 }
```

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