

Converting Colors

Hex(FF865D)

Have a look what the booklet for
Hex(FF865D) contains.

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Color

Hex(FE865D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FF865D |
| RGB | 255, 134, 93 |
| RGB Percent | 100%, 53%, 36% |
| CMY | 0.0000, 0.4745, 0.6353 |
| CMYK | 0.00, 0.47, 0.64, 0.00 |
| HSL | 15°, 100%, 68% |
| HSV | 15°, 64%, 100% |
| XYZ | 51.7409, 39.1005, 15.1760 |
| YIQ | 165.5050, 85.2770, 12.9010 |

Conversions

Conversions Part 2

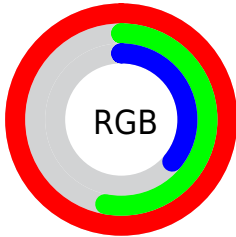
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 148, 93 |
| Decimal | 16746077 |
| CIE Lab | 68.82, 42.64, 42.55 |
| CIE LCh | 69, 60.238, 44.942 |
| Yxy | 39.1005, 0.4880, 0.3688 |
| Android (android.graphics.Color) | 4294936157 (0xFFFF865D) |
| YUV | 165.5050, -35.7450, 78.4871 |
| Hunter-Lab | 62.5304, 38.2719, 29.3817 |

Details

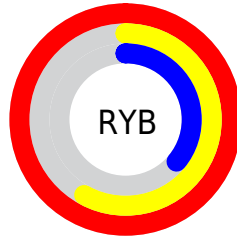
The Hex color **FF865D** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5DD6FF**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFBD90**, and **C1512D** is the 20% darker color. If you saturate the color by 10%, you get **FF7343**, and if you desaturate by 10%, it is **FF9977**.

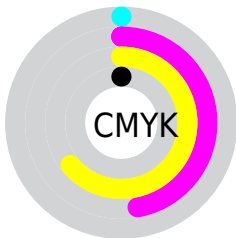
Distribution



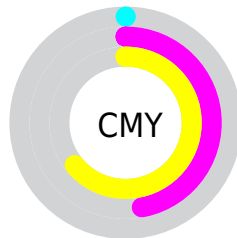
- Red (100%)
- Green (53%)
- Blue (36%)



- Red (100%)
- Yellow (58%)
- Blue (36%)



- Cyan (0%)
- Magenta (47%)
- Yellow (64%)
- Black (0%)



- Cyan (0%)
- Magenta (47%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF865D 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 FF865D by changing the saturation by 10% instead.

 FF865D

 FF865D

FFFFFF

 E06B45

 FFBD90

 C1512D

 FFD9AB

 A23816

 FFF6C7

 841C00

 FFFFE3

 670000

 490000

 300002

 000000

 FF865D

 FF865D

■ FF7343

■ FF9977

■ FF602A

■ FFAC90

■ FF4D10

■ FFBFAA

■ FF4100

■ FFD2C3

■ FFE5DD

■ FFF8F6

FFFFFF

Harmonies

Analogous

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



FF778F



FF865D



DC9B3A

Triad

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



FF865D



00C18A



77A5FF

Complementary

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



FF865D



5DD6FF

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.



00B6FF



FF865D



00C3C2

Square

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



FF865D



6DBA57



00BFF4



CE8EF6

Rectangle

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



FF865D



BDA832



00BFF4



45ABFF

Sweetspot

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



FF865D



FFDBC9



FF5DD7



806A62



000000



808080

Same Dimension

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



FF865D



FF6E3D



FFD75D



807673



BF3000



401000

Inverse Universe

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



5DD6FF



3DCEFF



5D86FF



737C80



008FBF



003040

Previews

White Background



This preview shows how the Hex color FF865D 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 FF865D Background



This preview shows how black text looks on a background with the Hex color FF865D.

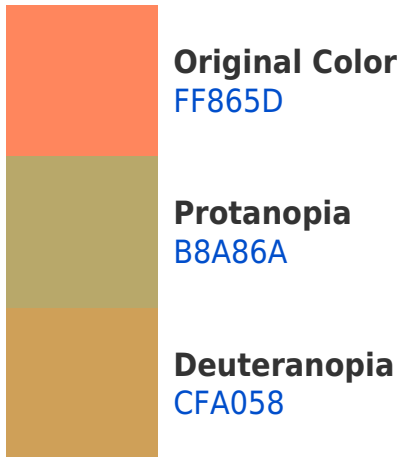


This preview shows how white text looks on a background with the Hex color FF865D.

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](#).

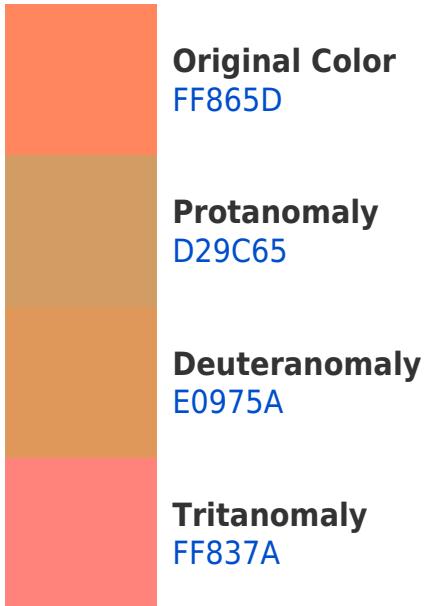
Dichromacy



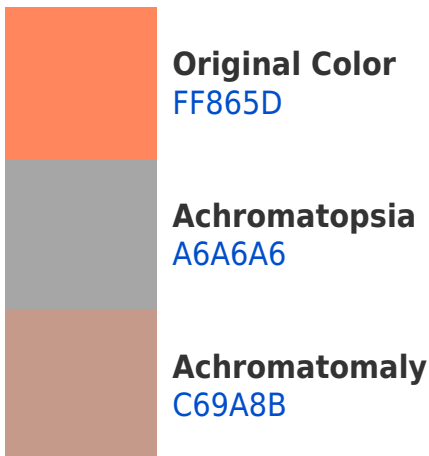


Tritanopia
FF828B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF865D 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 #FF865D looks like.

```
.text, #text, p{  
    color:#FF865D  
}
```

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 #FF865D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF865D
}
```

Border

The CSS property to change the border of an element to Hex FF865D 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
#FF865D }
```

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

```
.border{ border-color:#FF865D }
```

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

Here you see how a box with a 4 pixel #FF865D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF865D; -webkit-box-shadow:4px 4px  
4px 4px #FF865D; box-shadow:4px 4px 4px  
4px #FF865D }
```

Background

The CSS property to change the background color of an element to Hex FF865D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF865D }
```

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

```
.background{ background-color:#FF865D }
```

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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