

Converting Colors

Hex(FF945D)

Have a look what the booklet for
Hex(FF945D) contains.

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Color

Hex(FE945D)

Conversions

Conversions Part 1

Format	Color
Hex	FF945D
RGB	255, 148, 93
RGB Percent	100%, 58%, 36%
CMY	0.0000, 0.4196, 0.6353
CMYK	0.00, 0.42, 0.64, 0.00
HSL	20°, 100%, 68%
HSV	20°, 64%, 100%
XYZ	53.8057, 43.2301, 15.8643
YIQ	173.7230, 81.4270, 5.5790

Conversions

Conversions Part 2

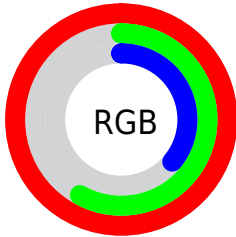
Format	Color
R _Y B	255, 176, 93
Decimal	16749661
CIE Lab	71.71, 35.55, 45.98
CIE LCh	72, 58.127, 52.290
Yxy	43.2301, 0.4766, 0.3829
Android (android.graphics.Color)	4294939741 (0xFFFF945D)
YUV	173.7230, -39.7964, 71.2799
Hunter-Lab	65.7496, 31.0123, 31.7190

Details

The Hex color **FF945D** 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 **5DC8FF**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFCB91**, and **C1602C** is the 20% darker color. If you saturate the color by 10%, you get **FF8343**, and if you desaturate by 10%, it is **FFA577**.

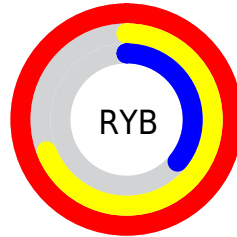
Distribution



Red (100%)

Green (58%)

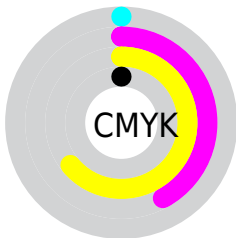
Blue (36%)



Red (100%)

Yellow (69%)

Blue (36%)

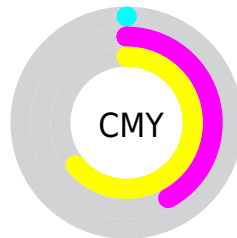


Cyan (0%)

Magenta (42%)

Yellow (64%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF945D 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 FF945D by changing the saturation by 10% instead.

 FF945D

 FF945D

FFFFFF

 E07A44

 FFCB91

 C1602C

 FFE7AC

 A34713

 FFFFC7

 852E00

 FFFFE4

 681400

 4B0000

 320001

 000000

 FF945D

 FF945D

 FF8343

 FFA577

 FF722A

 FFB690

 FF6110

 FFC7AA

 FF5700

 FFD7C3

 FFE8DD

 FFF9F6

FFFFFF

Harmonies

Analogous

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



FF848A



FF945D



D9A842

Triad

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



FF945D



00C9A0



9BA7FF

Complementary

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



FF945D



5DC8FF

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.



00BAFF



FF945D



00CAD6

Square

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



FF945D



66C46C



00C5FF



E492F1

Rectangle

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



FF945D



B9B441



00C5FF



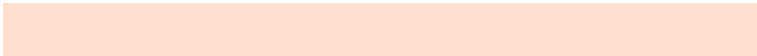
79AEFF

Sweetspot

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



FF945D



FFDFCF



FF5DC9



806C62



000000



808080

Same Dimension

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



FF945D



FF7F3D



FFE45D



807773



BF4100



401600

Inverse Universe

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



5DC8FF



3DBDFF



5D78FF



737B80



007EBF



002A40

Previews

White Background



This preview shows how the Hex color FF945D looks on a white background.

Color Contrast Check

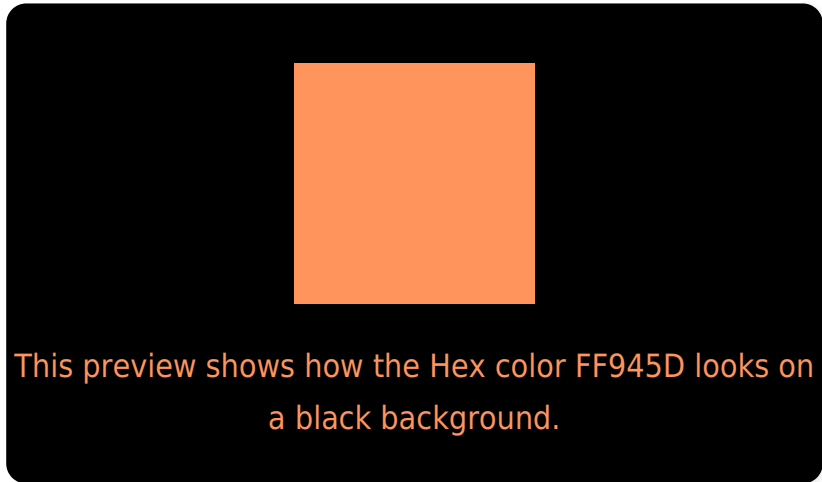
Large Text (above 18pt) WCAG AA × Fail

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

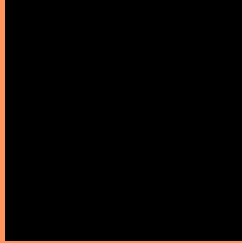
Any Text WCAG AA ✓ Pass

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 FF945D Background



This preview shows how black text looks on a background with the Hex color FF945D.

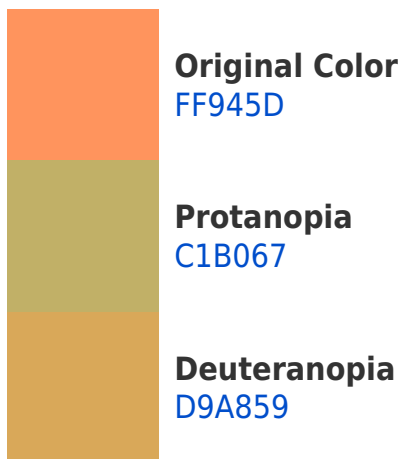


This preview shows how white text looks on a background with the Hex color FF945D.

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](#).

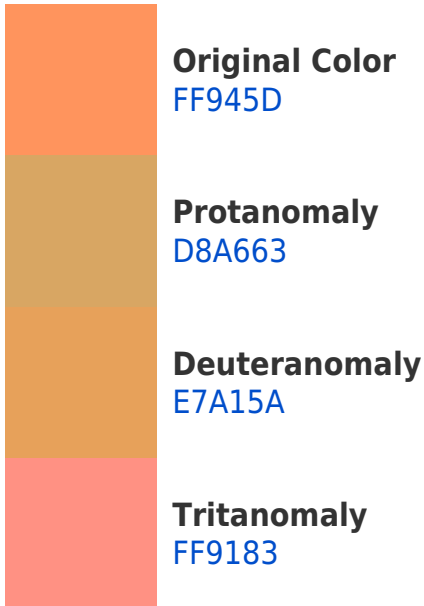
Dichromacy



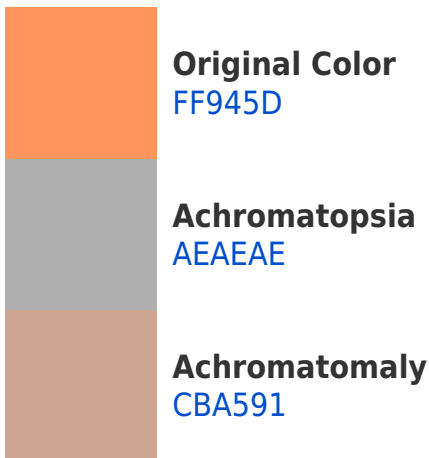


Tritanopia
FF8F99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF945D 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 #FF945D looks like.

```
.text, #text, p{  
    color:#FF945D  
}
```

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 #FF945D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF945D  
}
```

Border

The CSS property to change the border of an element to Hex FF945D 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  
#FF945D }
```

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

```
.border{ border-color:#FF945D }
```

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

Here you see how a box with a 4 pixel #FF945D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF945D; -webkit-box-shadow:4px 4px  
4px 4px #FF945D; box-shadow:4px 4px 4px  
4px #FF945D }
```

Background

The CSS property to change the background color of an element to Hex FF945D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF945D }
```

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

```
.background{ background-color:#FF945D }
```

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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