

Converting Colors

Hex(FD995E)

Have a look what the booklet for
Hex(FD995E) contains.

Hex(FD995E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FD995E)

Conversions

Conversions Part 1

Format	Color
Hex	FD995E
RGB	253, 153, 94
RGB Percent	99%, 60%, 37%
CMY	0.0078, 0.4000, 0.6314
CMYK	0.00, 0.40, 0.63, 0.01
HSL	22°, 98%, 68%
HSV	22°, 63%, 99%
XYZ	53.9196, 44.4733, 16.3320
YIQ	176.1740, 78.5390, 2.8510

Conversions

Conversions Part 2

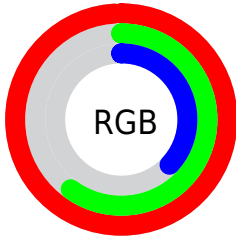
Format	Color
R _Y B	253, 188, 94
Decimal	16619870
CIE Lab	72.54, 32.26, 46.40
CIE LCh	73, 56.508, 55.192
Yxy	44.4733, 0.4700, 0.3877
Android (android.graphics.Color)	4294809950 (0xFFFD995E)
YUV	176.1740, -40.5118, 67.3764
Hunter-Lab	66.6883, 27.6185, 32.1616

Details

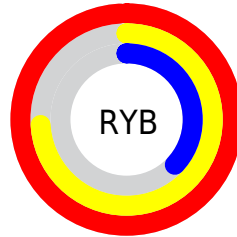
The Hex color **FD995E** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5EC2FD**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFD092**, and **C0652D** is the 20% darker color. If you saturate the color by 10%, you get **FD8945**, and if you desaturate by 10%, it is **FDA977**.

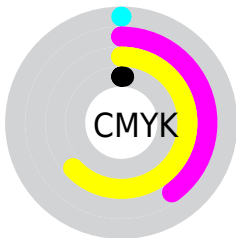
Distribution



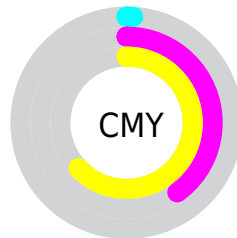
- Red (99%)
- Green (60%)
- Blue (37%)



- Red (99%)
- Yellow (74%)
- Blue (37%)



- Cyan (0%)
- Magenta (40%)
- Yellow (63%)
- Black (1%)



- Cyan (1%)
- Magenta (40%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD995E 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 FD995E by changing the saturation by 10% instead.

 FD995E

 FD995E

FFFFFF

 DE7F45

 FFD092

 C0652D

 FFEDAD

 A24C14

 FFFFC9

 843400

 FFFFEE

 671C00

 4A0100

 310000

 000000

 FD995E

 FD995E

FD8945

FDA977

FD792B

FDB991

FD6912

FDC9AA

FD5E00

FDD9C3

FDE9DD

FDF8F6

FDFFFF

Harmonies

Analogous

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



FF8989



FD995E



D7AC47

Triad

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



FD995E



00CBA8



A7A8FF

Complementary

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



FD995E



5EC2FD

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.



23BAFF



FD995E



00CBDC

Square

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



FD995E



64C675



00C6FF



EA93EE

Rectangle

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



FD995E



B6B749



00C6FF



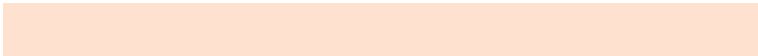
89AEFF

Sweetspot

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



FD995E



FFE1CF



FD5EC3



806D62



000000



808080

Same Dimension

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



FD995E



FF8740



FDE85E



807773



BF4700



401800

Inverse Universe

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



5EC2FD



40B8FF



5E73FD



737B80



0078BF



002840

Previews

White Background



This preview shows how the Hex color FD995E looks on a white background.

Color Contrast Check

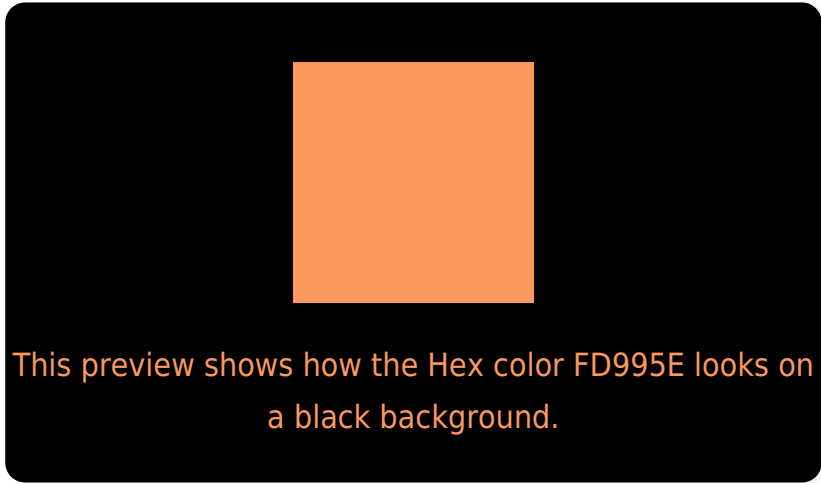
Large Text (above 18pt) WCAG AA × Fail

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 FD995E Background



This preview shows how black text looks on a background with the Hex color FD995E.



This preview shows how white text looks on a background with the Hex color FD995E.

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
FD995E

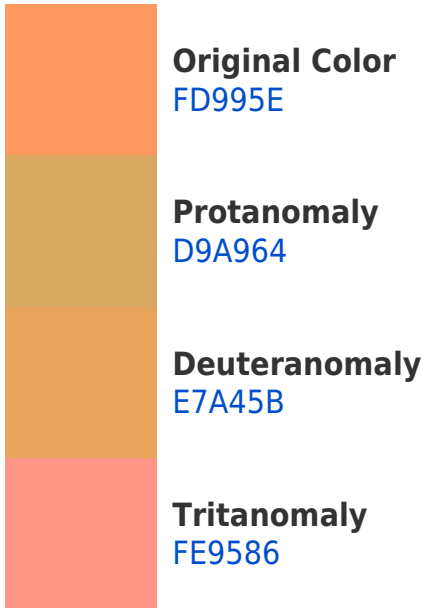
Protanopia
C4B267

Deuteranopia
DBAA5A

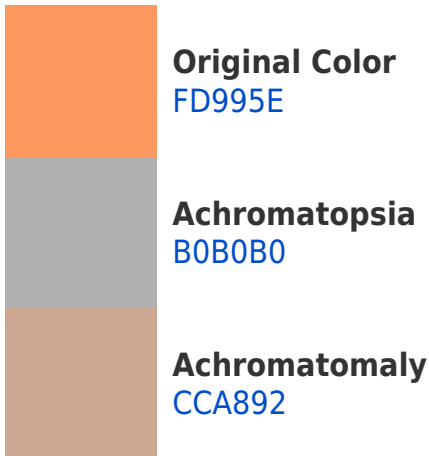


Tritanopia
FF939D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FD995E 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 #FD995E looks like.

```
.text, #text, p{  
    color:#FD995E  
}
```

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 #FD995E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD995E
}
```

Border

The CSS property to change the border of an element to Hex FD995E 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
#FD995E }
```

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

```
.border{ border-color:#FD995E }
```

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

Here you see how a box with a 4 pixel #FD995E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD995E; -webkit-box-shadow:4px 4px  
4px 4px #FD995E; box-shadow:4px 4px 4px  
4px #FD995E }
```

Background

The CSS property to change the background color of an element to Hex FD995E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD995E }
```

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

```
.background{ background-color:#FD995E }
```

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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