

Converting Colors

Hex(FF935C)

Have a look what the booklet for
Hex(FF935C) contains.

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Color

Hex(FE935C)

Conversions

Conversions Part 1

Format	Color
Hex	FF935C
RGB	255, 147, 92
RGB Percent	100%, 58%, 36%
CMY	0.0000, 0.4235, 0.6392
CMYK	0.00, 0.42, 0.64, 0.00
HSL	20°, 100%, 68%
HSV	20°, 64%, 100%
XYZ	53.6055, 42.9001, 15.5805
YIQ	173.0220, 82.0230, 5.7910

Conversions

Conversions Part 2

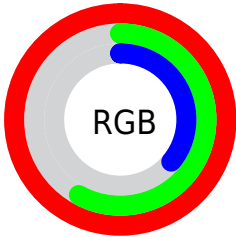
Format	Color
RYB	255, 175, 92
Decimal	16749404
CIELab	71.49, 36.01, 46.23
CIELCh	71, 58.597, 52.088
Yxy	42.9001, 0.4783, 0.3827
Android (android.graphics.Color)	4294939484 (0xFFFF935C)
YUV	173.0220, -39.9438, 71.8947
Hunter-Lab	65.4982, 31.4673, 31.7451

Details

The Hex color **FF935C** 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 **5CC8FF**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFCA90**, and **C15F2B** is the 20% darker color. If you saturate the color by 10%, you get **FF8243**, and if you desaturate by 10%, it is **FFA476**.

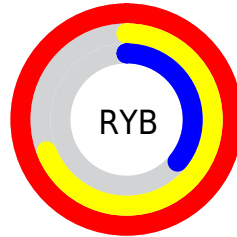
Distribution



Red (100%)

Green (58%)

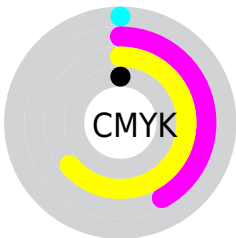
Blue (36%)



Red (100%)

Yellow (69%)

Blue (36%)

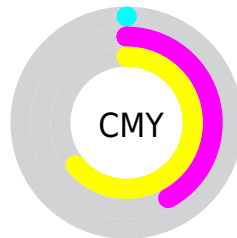


Cyan (0%)

Magenta (42%)

Yellow (64%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF935C 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 FF935C by changing the saturation by 10% instead.

 FF935C

 FF935C

FFFFFF

 E07943

 FFCA90

 C15F2B

 FFE6AB

 A34612

 FFFFC6

 852D00

 FFFFEE3

 681300

 4B0000

 320001

 000000

 FF935C

 FF935C

 FF8243

 FFA476

 FF7129

 FFB58F

 FF6010

 FFC6A9

 FF5600

 FFD7C2

 FFE7DC

 FFF8F5

FFFFFF

Harmonies

Analogous

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



FF838A



FF935C



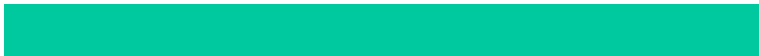
D9A740

Triad

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



FF935C



00C99F



9AA7FF

Complementary

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



FF935C



5CC8FF

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.



00B9FF



FF935C



00C9D6

Square

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



FF935C



65C36B



00C5FF



E391F1

Rectangle

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



FF935C



B8B340



00C5FF



77AEFF

Sweetspot

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



FF935C



FFDFCF



FF5CC9



806C62



000000



808080

Same Dimension

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



FF935C



FF7D3B



FFE45C



807773



BF4100



401600

Inverse Universe

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



5CC8FF



3BBDFE



5C77FF



737B80



007FBF



002A40

Previews

White Background



This preview shows how the Hex color FF935C looks on a white background.

Color Contrast Check

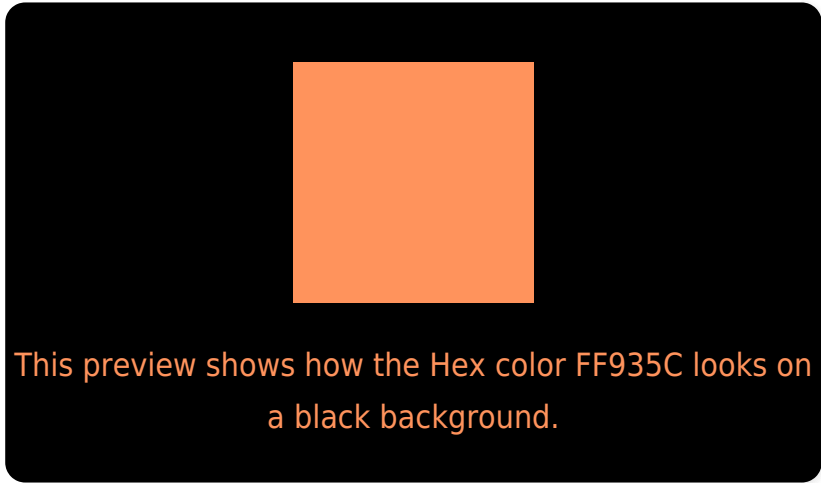
Large Text (above 18pt) WCAG AA × Fail

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 FF935C Background



This preview shows how black text looks on a background with the Hex color FF935C.

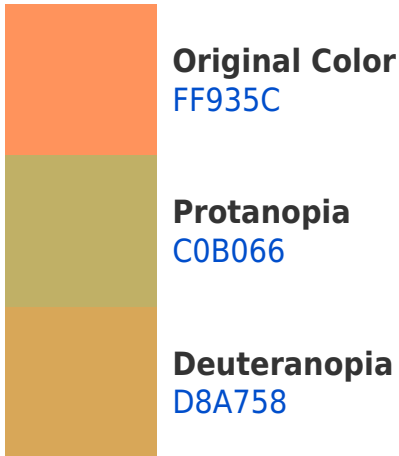


This preview shows how white text looks on a background with the Hex color FF935C.

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](#).

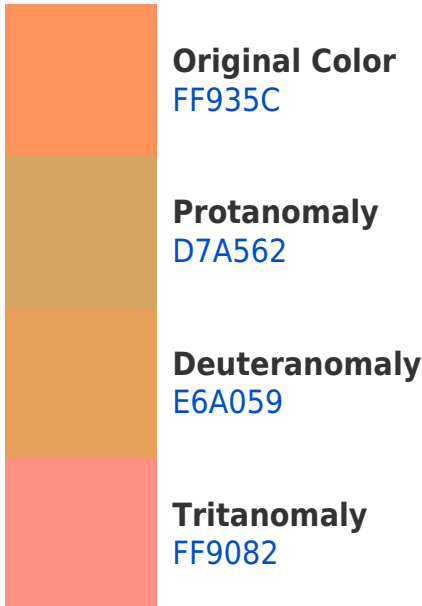
Dichromacy



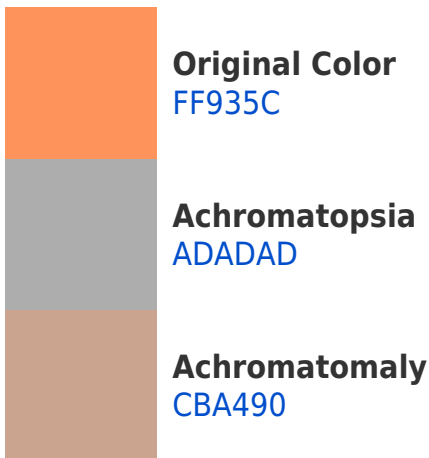


Tritanopia
FF8E98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF935C 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 #FF935C looks like.

```
.text, #text, p{  
    color:#FF935C  
}
```

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 #FF935C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF935C
}
```

Border

The CSS property to change the border of an element to Hex FF935C 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
#FF935C }
```

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

```
.border{ border-color:#FF935C }
```

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

Here you see how a box with a 4 pixel #FF935C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF935C; -webkit-box-shadow:4px 4px  
4px 4px #FF935C; box-shadow:4px 4px 4px  
4px #FF935C }
```

Background

The CSS property to change the background color of an element to Hex FF935C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF935C }
```

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

```
.background{ background-color:#FF935C }
```

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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