

Converting Colors

Hex(FD9757)

Have a look what the booklet for
Hex(FD9757) contains.

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Color

Hex(FD9757)

Conversions

Conversions Part 1

Format	Color
Hex	FD9757
RGB	253, 151, 87
RGB Percent	99%, 59%, 34%
CMY	0.0078, 0.4078, 0.6588
CMYK	0.00, 0.40, 0.66, 0.01
HSL	23°, 98%, 67%
HSV	23°, 66%, 99%
XYZ	53.2949, 43.7040, 14.6436
YIQ	174.2020, 81.3360, 1.7200

Conversions

Conversions Part 2

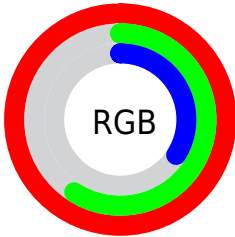
Format	Color
R_{YB}	253, 191, 87
Decimal	16619351
CIE _{Lab}	72.03, 32.87, 49.31
CIE _{LCh}	72, 59.256, 56.315
Yxy	43.7040, 0.4774, 0.3915
Android (android.graphics.Color)	4294809431 (0xFFFD9757)
YUV	174.2020, -42.9906, 69.1058
Hunter-Lab	66.1090, 28.2102, 33.1432

Details

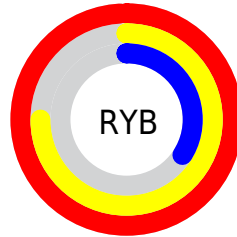
The Hex color **FD9757** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **57BDFD**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFCE8B**, and **BF6325** is the 20% darker color. If you saturate the color by 10%, you get **FD873E**, and if you desaturate by 10%, it is **FDA770**.

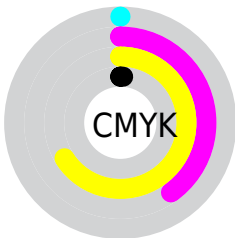
Distribution



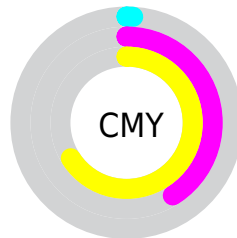
- Red (99%)
- Green (59%)
- Blue (34%)



- Red (99%)
- Yellow (75%)
- Blue (34%)



- Cyan (0%)
- Magenta (40%)
- Yellow (66%)
- Black (1%)



- Cyan (1%)
- Magenta (41%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD9757 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 FD9757 by changing the saturation by 10% instead.

 FD9757

 FD9757

FFFFFF

 DE7D3E

 FFCE8B

 BF6325

 FFEAA6

 A14A09

 FFFFC1

 843200

 FFFFDE

 661900

 FFFFFA

 4A0000

 300000

 000000

 FD9757

 FD9757

FD873E

FDA770

FD7824

FDB68A

FD680B

FDC6A3

FD6200

FDD5BC

FDE5D6

FDF4EF

FDFFFF

Harmonies

Analogous

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



FF8584



FD9757



D4AB3F

Triad

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



FD9757



00CBA8



A8A5FF

Complementary

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



FD9757



57BDFD

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



FD9757



00CBDF

Square

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



FD9757



59C672



00C5FF



ED8FED

Rectangle

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



FD9757



B2B742



00C5FF



87ACFF

Sweetspot

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



FD9757



FFE0CC



FD57BD



806D61



000000



808080

Same Dimension

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



FD9757



FF8336



FDEA57



807873



BF4A00



401900

Inverse Universe

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



57BDFD



36B1FF



576AFD



737B80



0076BF



002740

Previews

White Background



This preview shows how the Hex color FD9757 looks on a white background.

Color Contrast Check

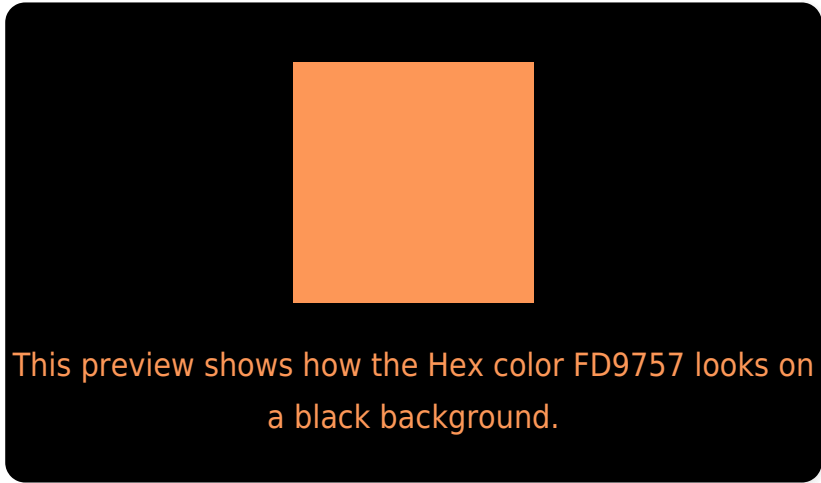
Large Text (above 18pt) WCAG AA × Fail

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 FD9757 Background



This preview shows how black text looks on a background with the Hex color FD9757.

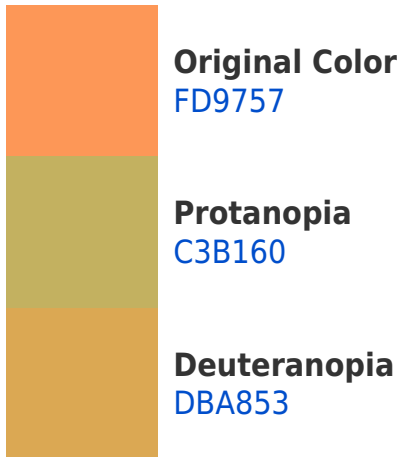


This preview shows how white text looks on a background with the Hex color FD9757.

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](#).

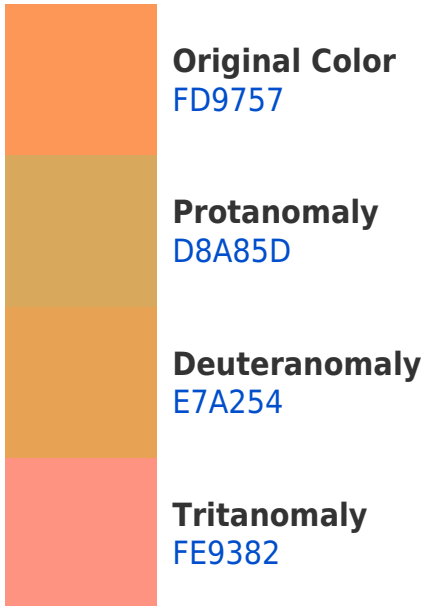
Dichromacy





Tritanopia
FF909A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FD9757 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 #FD9757 looks like.

```
.text, #text, p{  
    color:#FD9757  
}
```

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 #FD9757 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD9757
}
```

Border

The CSS property to change the border of an element to Hex FD9757 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
#FD9757 }
```

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

```
.border{ border-color:#FD9757 }
```

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

Here you see how a box with a 4 pixel #FD9757 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD9757; -webkit-box-shadow:4px 4px  
4px 4px #FD9757; box-shadow:4px 4px 4px  
4px #FD9757 }
```

Background

The CSS property to change the background color of an element to Hex FD9757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD9757 }
```

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

```
.background{ background-color:#FD9757 }
```

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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