

# Converting Colors

Hex(F9736D)

Have a look what the booklet for  
Hex(F9736D) contains.

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# **Color**

**Hex(F9736D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F9736D
RGB	249, 115, 109
RGB Percent	98%, 45%, 43%
CMY	0.0235, 0.5490, 0.5725
CMYK	0.00, 0.54, 0.56, 0.02
HSL	3°, 92%, 70%
HSV	3°, 56%, 98%
XYZ	47.9580, 33.5053, 18.4075
YIQ	154.3820, 81.7900, 26.5420

# Conversions

## Conversions Part 2

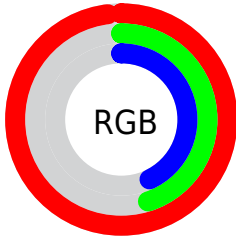
Format	Color
R <sub>Y</sub> B	249, 115, 109
Decimal	16348013
CIE Lab	64.57, 50.78, 28.32
CIE LCh	65, 58.144, 29.150
Yxy	33.5053, 0.4802, 0.3355
Android (android.graphics.Color)	4294538093 (0xFFFF9736D)
YUV	154.3820, -22.3733, 82.9800
Hunter-Lab	57.8838, 46.5945, 21.6640

# Details

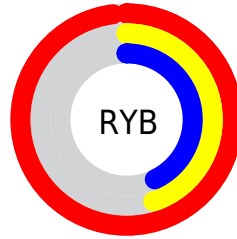
The Hex color **F9736D** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **6DF3F9**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFAAA1**, and **BB3D3D** is the 20% darker color. If you saturate the color by 10%, you get **F95B54**, and if you desaturate by 10%, it is **F98B86**.

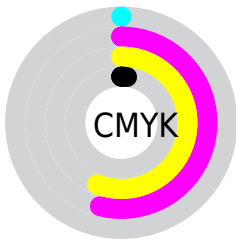
# Distribution



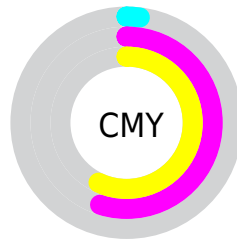
- Red (98%)
- Green (45%)
- Blue (43%)



- Red (98%)
- Yellow (45%)
- Blue (43%)



- Cyan (0%)
- Magenta (54%)
- Yellow (56%)
- Black (2%)



- Cyan (2%)
- Magenta (55%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F9736D 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 F9736D by changing the saturation by 10% instead.



 F9736D

 F9736D

FFFFFF

 DA5855

 FFAAA1

 BB3D3D

 FFC7BC

 9D1F27

 FFE3D7

 7F0013

 FFFFF4

 620000

 450000

 280001

 000000

 F9736D

 F9736D

 F95B54

 F98B86

 F9433B

 F9A39F

 F92C22

 F9BAB8

 F91409

 F9D2D1

 F90B00

 F9EAE9

 F9FFFF

# Harmonies

## Analogous

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



F86DA0



F9736D



E28643

# Triad

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



F9736D



3CB165



00A3FF

# Complementary

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



F9736D



6DF3F9

# 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.



00AFF5



F9736D



00B699

# Square

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



F9736D



86A83B



00B5CE



9B8FF8

# Rectangle

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



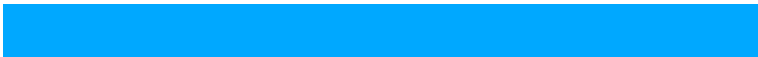
F9736D



C89330



00B5CE



00A8FF



# Sweetspot

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



F9736D



FFD6D4



F96DF4



806766



000000



808080



# Same Dimension

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



F9736D



FF5B54



F9B86D



7D7170



BD0800



3D0300



# Inverse Universe

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



6DF3F9



54F8FF



6DAEF9



707C7D



00B5BD



003B3D



# Previews

## White Background



This preview shows how the Hex color F9736D looks on a white background.

## Color Contrast Check

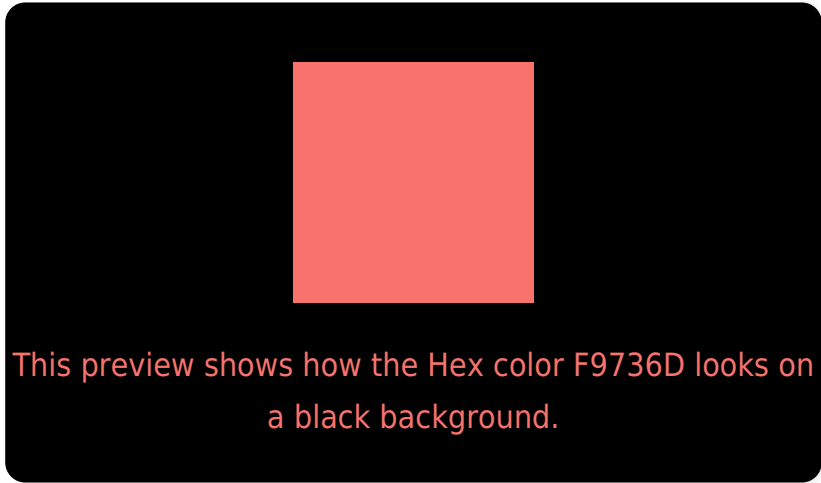
Large Text (above 18pt) WCAG AA × Fail

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 F9736D Background



This preview shows how black text looks on a background with the Hex color F9736D.



This preview shows how white text looks on a background with the Hex color F9736D.

# 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





# Trichromacy



**Original Color**  
F9736D

**Protanomaly**  
C48E78

**Deuteranomaly**  
D38969

**Tritanomaly**  
FA7275

# Monochromacy



**Original Color**  
F9736D

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
BD8C8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F9736D 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 #F9736D looks like.

```
.text, #text, p{  
    color:#F9736D  
}
```

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 #F9736D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9736D
}
```

## Border

The CSS property to change the border of an element to Hex F9736D 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
#F9736D }
```

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

```
.border{ border-color:#F9736D }
```

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

Here you see how a box with a 4 pixel #F9736D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9736D; -webkit-box-shadow:4px 4px  
4px 4px #F9736D; box-shadow:4px 4px 4px  
4px #F9736D }
```

# Background

The CSS property to change the background color of an element to Hex F9736D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9736D }
```

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

```
.background{ background-color:#F9736D }
```

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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