

Converting Colors

Hex(F6966F)

Have a look what the booklet for
Hex(F6966F) contains.

Hex(F6966F)	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(F6966F)

Conversions

Conversions Part 1

Format	Color
Hex	F6966F
RGB	246, 150, 111
RGB Percent	96%, 59%, 44%
CMY	0.0353, 0.4118, 0.5647
CMYK	0.00, 0.39, 0.55, 0.04
HSL	17°, 88%, 70%
HSV	17°, 55%, 96%
XYZ	51.7816, 42.5532, 20.5233
YIQ	174.2580, 69.7350, 8.2230

Conversions

Conversions Part 2

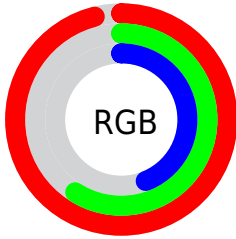
Format	Color
R _Y B	246, 166, 111
Decimal	16160367
CIE Lab	71.25, 32.29, 35.76
CIE LCh	71, 48.178, 47.923
Yxy	42.5532, 0.4508, 0.3705
Android (android.graphics.Color)	4294350447 (0xFFFF6966F)
YUV	174.2580, -31.1862, 62.9177
Hunter-Lab	65.2328, 27.5353, 27.0094

Details

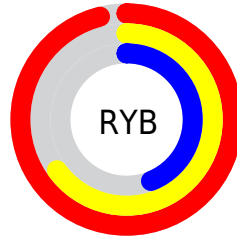
The Hex color **F6966F** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **6FCFF6**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFCDA3**, and **BA623E** is the 20% darker color. If you saturate the color by 10%, you get **F68556**, and if you desaturate by 10%, it is **F6A788**.

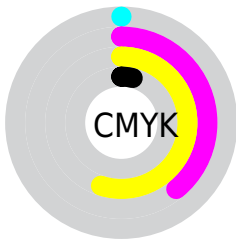
Distribution



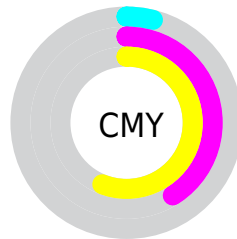
- Red (96%)
- Green (59%)
- Blue (44%)



- Red (96%)
- Yellow (65%)
- Blue (44%)



- Cyan (0%)
- Magenta (39%)
- Yellow (55%)
- Black (4%)



- Cyan (4%)
- Magenta (41%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color F6966F 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 F6966F by changing the saturation by 10% instead.

 F6966F

 F6966F

FFFFFF

 D87C56

 FFCDA3

 BA623E

 FFE9BF

 9C4927

 FFFFDA

 7F3111

 FFFFF7

 631800

 470000

 2E0001

 000000

 F6966F

 F6966F

 F68556

 F6A788

 F6733E

 F6B9A0

 F66225

 F6CAB9

 F6500D

 F6DCD1

 F64700

 F6EDEA

 F6FFFF

Harmonies

Analogous

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



FF8B96



F6966F



D8A657

Triad

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



F6966F



35C49B



96AAFF

Complementary

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



F6966F



6FCFF6

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.



31B8FF



F6966F



00C5C8

Square

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



F6966F



7DBE72



00C1EE



D399EA

Rectangle

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



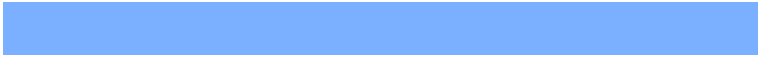
F6966F



BEB055



00C1EE



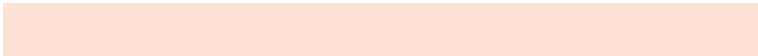
7BAFFF

Sweetspot

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



F6966F



FFE2D6



F66FD0



806E67



000000



808080

Same Dimension

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



F6966F



FF8757



F6D96F



7A726E



BA3600



3B1100

Inverse Universe

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



6FCFF6



57CEFF



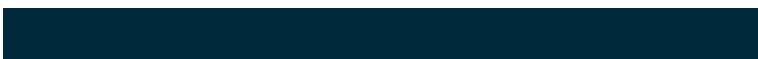
6F8CF6



6E777A



0084BA



002A3B

Previews

White Background



This preview shows how the Hex color F6966F looks on a white background.

Color Contrast Check

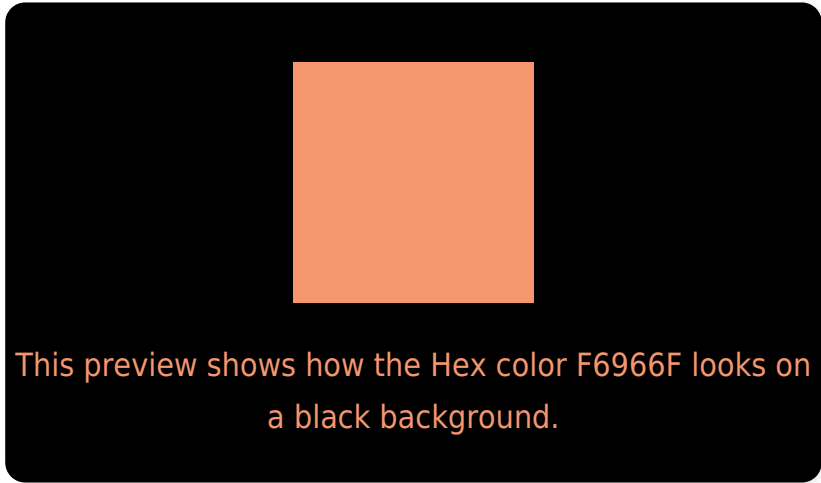
Large Text (above 18pt) WCAG AA × Fail

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

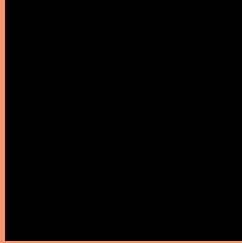
Any Text WCAG AA ✓ Pass

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 F6966F Background



This preview shows how black text looks on a background with the Hex color F6966F.

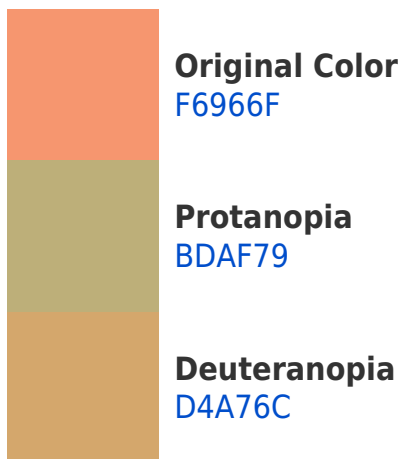


This preview shows how white text looks on a background with the Hex color F6966F.

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
F9909B

Trichromacy



Original Color
F6966F



Protanomaly
D2A675



Deuteranomaly
E0A16D

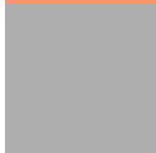


Tritanomaly
F8928B

Monochromacy



Original Color
F6966F



Achromatopsia
AEAEAE



Achromatomaly
C8A597

CSS Examples

Text

The CSS property to change the color of the text to Hex F6966F 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 #F6966F looks like.

```
.text, #text, p{  
    color:#F6966F  
}
```

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 #F6966F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6966F
}
```

Border

The CSS property to change the border of an element to Hex F6966F 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
#F6966F }
```

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

```
.border{ border-color:#F6966F }
```

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

Here you see how a box with a 4 pixel #F6966F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6966F; -webkit-box-shadow:4px 4px  
4px 4px #F6966F; box-shadow:4px 4px 4px  
4px #F6966F }
```

Background

The CSS property to change the background color of an element to Hex F6966F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6966F }
```

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

```
.background{ background-color:#F6966F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor