

# Converting Colors

Hex(F66F9E)

Have a look what the booklet for  
Hex(F66F9E) contains.

<b>Hex(F66F9E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(F66F9E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F66F9E
RGB	246, 111, 158
RGB Percent	96%, 44%, 62%
CMY	0.0353, 0.5647, 0.3804
CMYK	0.00, 0.55, 0.36, 0.04
HSL	339°, 88%, 70%
HSV	339°, 55%, 96%
XYZ	49.8620, 33.4303, 36.1724
YIQ	156.7230, 65.3730, 43.2370

# Conversions

## Conversions Part 2

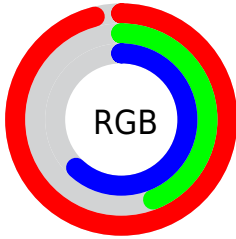
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">246, 111, 158</a>
Decimal	<a href="#">16150430</a>
CIELab	<a href="#">64.51, 56.24, 0.29</a>
CIELCh	<a href="#">65, 56.240, 0.295</a>
Yxy	<a href="#">33.4303, 0.4174, 0.2798</a>
Android (android.graphics.Color)	<a href="#">4294340510</a> ( <a href="#">0xFFFF66F9E</a> )
YUV	<a href="#">156.7230, 0.6296, 78.2959</a>
Hunter-Lab	<a href="#">57.8190, 52.7520, 3.3805</a>

# Details

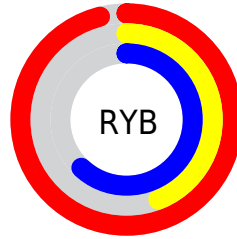
The Hex color **F66F9E** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **6FF6C7**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFA7D4**, and **BA376B** is the 20% darker color. If you saturate the color by 10%, you get **F6568E**, and if you desaturate by 10%, it is **F688AE**.

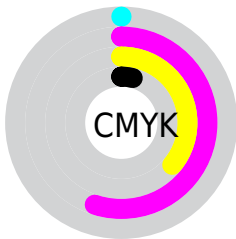
# Distribution



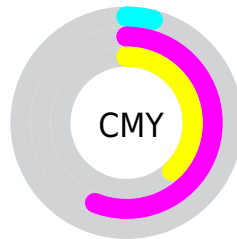
- Red (96%)
- Green (44%)
- Blue (62%)



- Red (96%)
- Yellow (44%)
- Blue (62%)



- Cyan (0%)
- Magenta (55%)
- Yellow (36%)
- Black (4%)



- Cyan (4%)
- Magenta (56%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F66F9E 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 F66F9E by changing the saturation by 10% instead.



 F66F9E

 F66F9E

FFFFFF

 D85384

 FFA7D4

 BA376B

 FFC3F1

 9D1453

 FFE0FF

 80003C

FFFEFF

 630026

 480011

 2D0001

 000000

 F66F9E

 F66F9E

 F6568E

 F688AE

 F63E7E

 F6A0BE

 F6256E

 F6B9CE

 F60D5E

 F6D1DE

 F60056

 F6EAEE

 F6FFFE

 F6FFFF

# Harmonies

## Analogous

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



DA7ACF



F66F9E



F6756D

# Triad

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



F66F9E



85A840



00AEF3

# Complementary

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



F66F9E



6FF6C7

# 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.



00B4CE



F66F9E



3DB168

# Square

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



F66F9E



B79A31



00B59B



21A2FF

# Rectangle

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



F66F9E



E88150



00B59B



00B1E9



# Sweetspot

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



F66F9E



FFD6E4



C76FF6



806770



000000



808080



# Same Dimension

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



F66F9E



FF5791



F6836F



7A6E72



BA0041



3B0014



# Inverse Universe

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



F66F9E



FF5791



6FE2F6



7A6E72



BA0041



3B0014



# Previews

## White Background



This preview shows how the Hex color F66F9E looks on a white background.

## Color Contrast Check

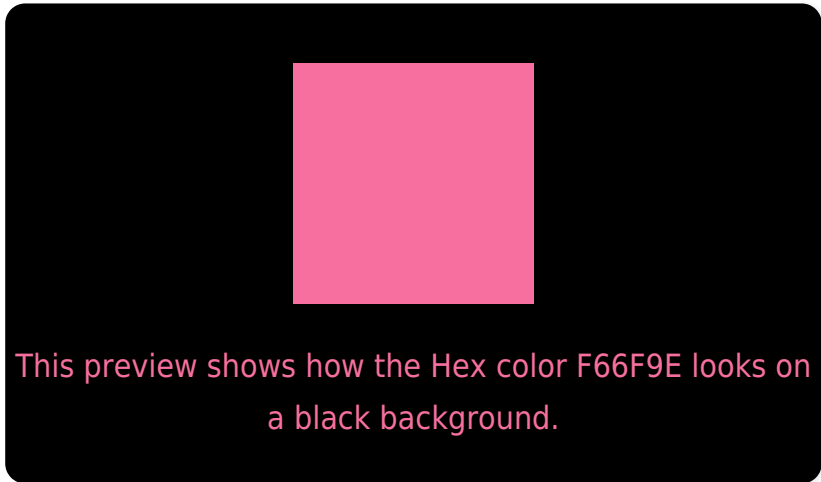
Large Text (above 18pt) WCAG AA × Fail

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 F66F9E Background



This preview shows how black text looks on a background with the Hex color F66F9E.



This preview shows how white text looks on a background with the Hex color F66F9E.

# 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



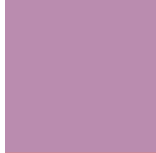


**Tritanopia**  
F3757D

# Trichromacy



**Original Color**  
F66F9E



**Protanomaly**  
BA8CAF



**Deuteranomaly**  
C8899A

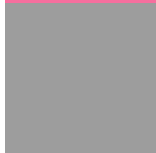


**Tritanomaly**  
F47389

# Monochromacy



**Original Color**  
F66F9E



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
BD8C9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F66F9E 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 #F66F9E looks like.

```
.text, #text, p{  
  color:#F66F9E  
}
```

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 #F66F9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F66F9E
}
```

## Border

The CSS property to change the border of an element to Hex F66F9E 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
#F66F9E }
```

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

```
.border{ border-color:#F66F9E }
```

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

Here you see how a box with a 4 pixel #F66F9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F66F9E; -webkit-box-shadow:4px 4px  
4px 4px #F66F9E; box-shadow:4px 4px 4px  
4px #F66F9E }
```

# Background

The CSS property to change the background color of an element to Hex F66F9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F66F9E }
```

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

```
.background{ background-color:#F66F9E }
```

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