

# Converting Colors

Hex(F33D9E)

Have a look what the booklet for  
Hex(F33D9E) contains.

<b>Hex(F33D9E)</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(F33D9E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F33D9E
RGB	243, 61, 158
RGB Percent	95%, 24%, 62%
CMY	0.0471, 0.7608, 0.3804
CMYK	0.00, 0.75, 0.35, 0.05
HSL	328°, 88%, 60%
HSV	328°, 75%, 95%
XYZ	44.8024, 24.8608, 34.7850
YIQ	126.4760, 77.3350, 68.7510

# Conversions

## Conversions Part 2

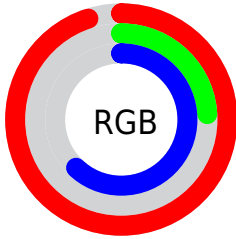
Format	Color
R <sub>Y</sub> B	243, 61, 158
Decimal	15941022
CIE Lab	56.94, 74.73, -10.96
CIE LCh	57, 75.532, 351.653
Yxy	24.8608, 0.4289, 0.2380
Android (android.graphics.Color)	4294131102 (0xFFFF33D9E)
YUV	126.4760, 15.5413, 102.1915
Hunter-Lab	49.8606, 73.1359, -6.4610

# Details

The Hex color **F33D9E** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **3DF392**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF7CD5**, and **B6006B** is the 20% darker color. If you saturate the color by 10%, you get **F32593**, and if you desaturate by 10%, it is **F355A9**.

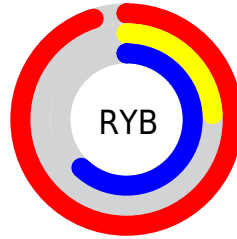
# Distribution



Red (95%)

Green (24%)

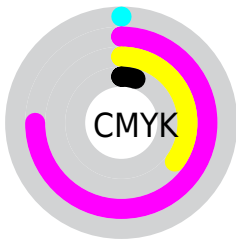
Blue (62%)



Red (95%)

Yellow (24%)

Blue (62%)

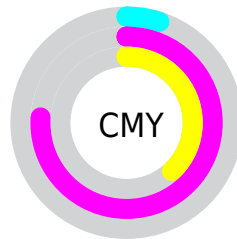


Cyan (0%)

Magenta (75%)

Yellow (35%)

Black (5%)



Cyan (5%)

Magenta (76%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F33D9E 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 F33D9E by changing the saturation by 10% instead.



 F33D9E

 F33D9E

FFFFFF

 D40D84

 FF7CD5

 B6006B

 FF9AF1

 980052

 FFB7FF

 7A003B

 FFD5FF

 5D0026

 FFF3FF

 410010

 200001

 000000

 F33D9E

 F33D9E

 F32593

 F355A9

 F30C87

 F36EB5

 F30082

 F386C0

 F39ECB

 F3B6D7

 F3CFE2

 F3E7ED

 F3FFF9

 F3FFFF

# Harmonies

## Analogous

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



C45EDB



F33D9E



FA415D

# Triad

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



F33D9E



779400



00A2F0

# Complementary

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



F33D9E



3DF392

# 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.



00A6B8



F33D9E



009F2E

# Square

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



F33D9E



B47F00



00A473



0096FF

# Rectangle

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



F33D9E



ED5633



00A473



00A4DF



# Sweetspot

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



F33D9E



FFC7E5



923DF3



805E70



000000



808080



# Same Dimension

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



F33D9E



FF1994



F33D43



7A6E75



BA0063



3B001F



# Inverse Universe

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



F33D9E



FF1994



3DF3ED



7A6E75



BA0063



3B001F



# Previews

## White Background



This preview shows how the Hex color F33D9E looks on a white background.

## Color Contrast Check

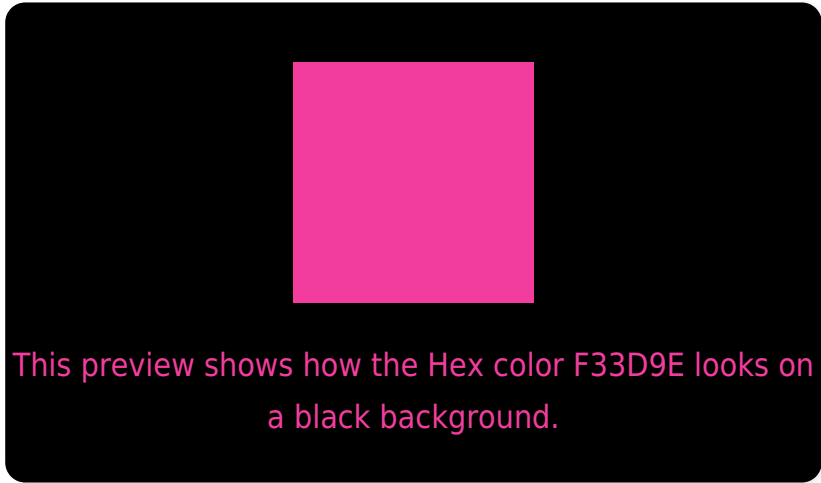
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F33D9E Background



This preview shows how black text looks on a background with the Hex color F33D9E.



This preview shows how white text looks on a background with the Hex color F33D9E.

# 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**  
F33D9E



**Protanomaly**  
9F6CBE



**Deuteranomaly**  
B56B98



**Tritanomaly**  
F04A70

# Monochromacy



**Original Color**  
F33D9E



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
A9668A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F33D9E 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 #F33D9E looks like.

```
.text, #text, p{  
  color:#F33D9E  
}
```

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 #F33D9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F33D9E
}
```

## Border

The CSS property to change the border of an element to Hex F33D9E 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
#F33D9E }
```

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

```
.border{ border-color:#F33D9E }
```

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

Here you see how a box with a 4 pixel #F33D9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F33D9E; -webkit-box-shadow:4px 4px  
4px 4px #F33D9E; box-shadow:4px 4px 4px  
4px #F33D9E }
```

# Background

The CSS property to change the background color of an element to Hex F33D9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F33D9E }
```

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

```
.background{ background-color:#F33D9E }
```

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