

# Converting Colors

Hex(FC36C6)

Have a look what the booklet for  
Hex(FC36C6) contains.

<b>Hex(FC36C6)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(**FC36C6**)

# Conversions

## Conversions Part 1

Format	Color
Hex	FC36C6
RGB	252, 54, 198
RGB Percent	99%, 21%, 78%
CMY	0.0118, 0.7882, 0.2235
CMYK	0.00, 0.79, 0.21, 0.01
HSL	316°, 97%, 60%
HSV	316°, 79%, 99%
XYZ	51.6571, 27.4110, 55.9943
YIQ	129.6180, 71.7840, 86.7600

# Conversions

## Conversions Part 2

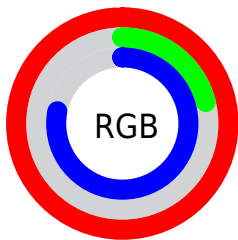
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	252, 54, 198
Decimal	16529094
CIE <sub>Lab</sub>	59.35, 83.24, -30.32
CIE <sub>LCh</sub>	59, 88.590, 339.988
Yxy	27.4110, 0.3825, 0.2030
Android (android.graphics.Color)	4294719174 (0xFFFC36C6)
YUV	129.6180, 33.7123, 107.3290
Hunter-Lab	52.3555, 84.4967, -26.7619

# Details

The Hex color **FC36C6** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **36FC6C**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF7AFF**, and **BF0090** is the 20% darker color. If you saturate the color by 10%, you get **FC1DBF**, and if you desaturate by 10%, it is **FC4FCD**.

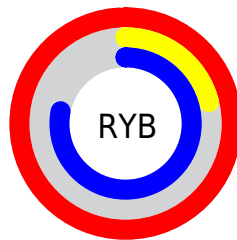
# Distribution



Red (99%)

Green (21%)

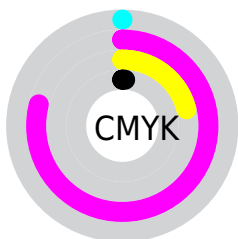
Blue (78%)



Red (99%)

Yellow (21%)

Blue (78%)

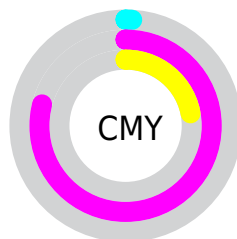


Cyan (0%)

Magenta (79%)

Yellow (21%)

Black (1%)



Cyan (1%)

Magenta (79%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC36C6 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 FC36C6 by changing the saturation by 10% instead.



 FC36C6

 FC36C6

FFFFFF

 DD00AB

 FF7AFF

 BF0090

 FF98FF

 A10076

 FFB7FF

 83005D

 FFD5FF

 660045

 FFF4FF

 4B002E

 2C0018

 000000

 FC36C6

 FC36C6

 FC1DBF

 FC4FCD

 FC04B8

 FC68D4

 FC00B7

 FC82DB

 FC9BE1

 FCB4E8

 FCCDEF

 FCE6F6

 FCFFFD

 FCFFFF

# Harmonies

## Analogous

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



AE6BFF



FC36C6



FF1579

# Triad

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



FC36C6



969400



00AFF2

# Complementary

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



FC36C6



36FC6C

# 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.



00B0A8



FC36C6



35A500

# Square

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



FC36C6



D67700



00AD56



00A6FF

# Rectangle

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



FC36C6



FF3946



00AD56



00B0DB



# Sweetspot

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



FC36C6



FFC2EE



6B36FC



805B75



000000



808080



# Same Dimension

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



FC36C6



FF0FBE



FC3664



7D707A



BD0089



3D002D



# Inverse Universe

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



FC36C6



FF0FBE



36FCCE



7D707A



BD0089



3D002D



# Previews

## White Background



This preview shows how the Hex color FC36C6 looks on a white background.

## Color Contrast Check

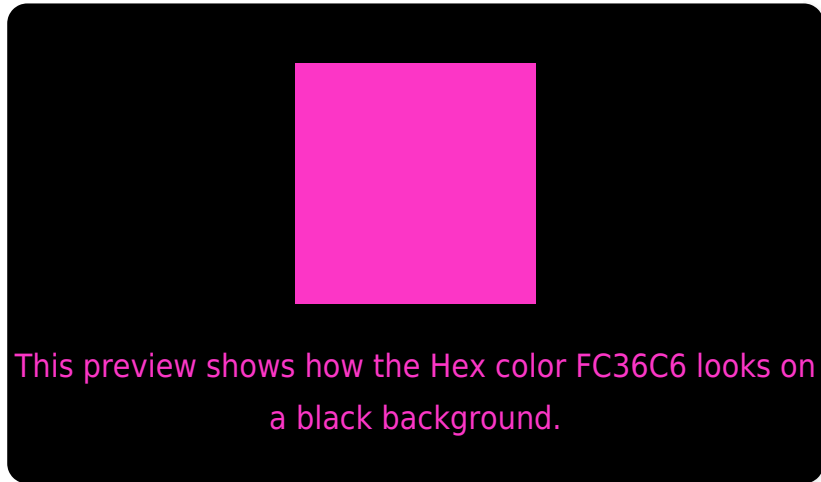
Large Text (above 18pt) WCAG AA ✓ Pass

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 FC36C6 Background



This preview shows how black text looks on a background with the Hex color FC36C6.



This preview shows how white text looks on a background with the Hex color FC36C6.

# 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**  
F35A60

# Trichromacy



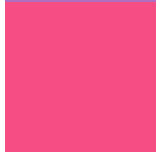
**Original Color**  
FC36C6



**Protanomaly**  
946DEA



**Deuteranomaly**  
B16DBF



**Tritanomaly**  
F64D85

# Monochromacy



**Original Color**  
FC36C6



**Achromatopsia**  
828282



**Achromatomaly**  
AE669B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC36C6 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 #FC36C6 looks like.

```
.text, #text, p{  
    color:#FC36C6  
}
```

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 #FC36C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC36C6
}
```

## Border

The CSS property to change the border of an element to Hex FC36C6 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
#FC36C6 }
```

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

```
.border{ border-color:#FC36C6 }
```

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

Here you see how a box with a 4 pixel #FC36C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC36C6; -webkit-box-shadow:4px 4px  
4px 4px #FC36C6; box-shadow:4px 4px 4px  
4px #FC36C6 }
```

# Background

The CSS property to change the background color of an element to Hex FC36C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC36C6 }
```

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

```
.background{ background-color:#FC36C6 }
```

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