

Converting Colors

Hex(FF56C9)

Have a look what the booklet for
Hex(FF56C9) contains.

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Color

Hex(F56C9)

Conversions

Conversions Part 1

Format	Color
Hex	FF56C9
RGB	255, 86, 201
RGB Percent	100%, 34%, 79%
CMY	0.0000, 0.6627, 0.2118
CMYK	0.00, 0.66, 0.21, 0.00
HSL	319°, 100%, 67%
HSV	319°, 66%, 100%
XYZ	55.1104, 32.1326, 58.5559
YIQ	149.6410, 63.8090, 71.5930

Conversions

Conversions Part 2

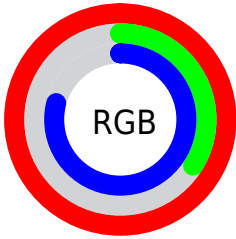
Format	Color
R _Y B	255, 86, 201
Decimal	16733897
CIE Lab	63.45, 74.47, -25.66
CIE LCh	63, 78.764, 340.990
Yxy	32.1326, 0.3780, 0.2204
Android (android.graphics.Color)	4294923977 (0xFFFF56C9)
YUV	149.6410, 25.3200, 92.3998
Hunter-Lab	56.6856, 74.3398, -21.5662

Details

The Hex color **FF56C9** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **56FF8C**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FF92FF**, and **C20093** is the 20% darker color. If you saturate the color by 10%, you get **FF3DC1**, and if you desaturate by 10%, it is **FF70D1**.

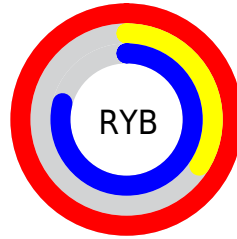
Distribution



Red (100%)

Green (34%)

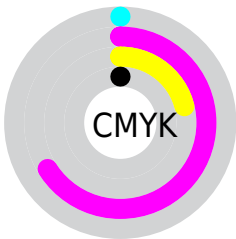
Blue (79%)



Red (100%)

Yellow (34%)

Blue (79%)

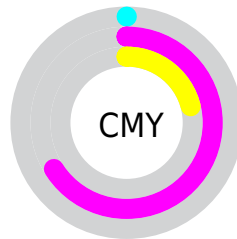


Cyan (0%)

Magenta (66%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (66%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF56C9 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 FF56C9 by changing the saturation by 10% instead.

 FF56C9

 FF56C9

FFFFFF

 E035AD

 FF92FF

 C20093

 FFAFFF

 A50079

 FFCDFD

 870060

 FFE8FF

 6B0048

 4F0031

 33001B

 080000

 000000

■ FF56C9

■ FF56C9

■ FF3DC1

■ FF70D1

■ FF23B9

■ FF89D9

■ FF0AB1

■ FFA3E1

■ FF00AE

■ FFBCEA

■ FFD6F2

■ FFEFFA

FFFFFF

Harmonies

Analogous

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



BC7AFF



FF56C9



FF4A83

Triad

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



FF56C9



A19F00



00B7F5

Complementary

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



FF56C9



56FF8C

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.



00B9B2



FF56C9



50AE1C

Square

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



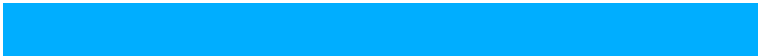
FF56C9



DC8600



00B669



00AEFF

Rectangle

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



FF56C9



FF5956



00B669



00B8E0

Sweetspot

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



FF56C9



FFCCEF



8C56FF



806176



000000



808080

Same Dimension

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



FF56C9



FF33BE



FF5675



80737B



BF0082



40002B

Inverse Universe

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



FF56C9



FF33BE



56FFE0



80737B



BF0082



40002B

Previews

White Background



This preview shows how the Hex color FF56C9 looks on a white background.

Color Contrast Check

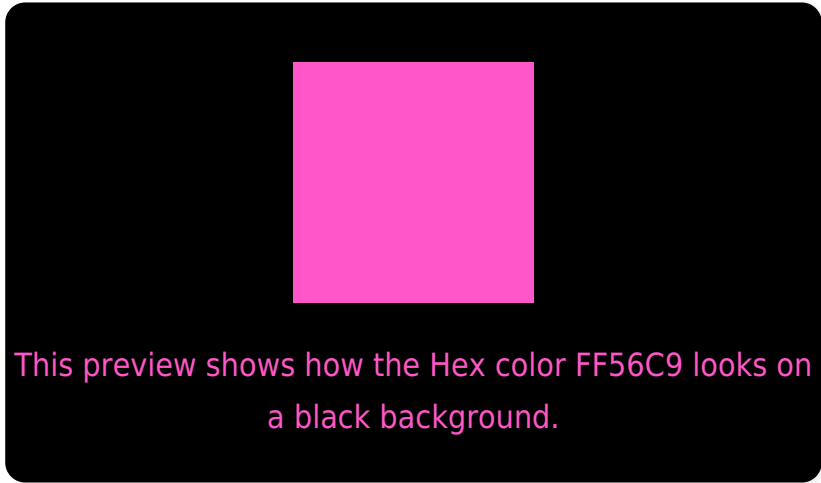
Large Text (above 18pt) WCAG AA × Fail

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 FF56C9 Background



This preview shows how black text looks on a background with the Hex color FF56C9.



This preview shows how white text looks on a background with the Hex color FF56C9.

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
F76D74

Trichromacy



Original Color
FF56C9



Protanomaly
A57FE9



Deuteranomaly
BC7FC3



Tritanomaly
FA6593

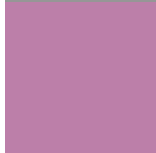
Monochromacy



Original Color
FF56C9



Achromatopsia
969696



Achromatomaly
BC7FA9

CSS Examples

Text

The CSS property to change the color of the text to Hex FF56C9 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 #FF56C9 looks like.

```
.text, #text, p{  
    color:#FF56C9  
}
```

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 #FF56C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF56C9
}
```

Border

The CSS property to change the border of an element to Hex FF56C9 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
#FF56C9 }
```

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

```
.border{ border-color:#FF56C9 }
```

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

Here you see how a box with a 4 pixel #FF56C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF56C9; -webkit-box-shadow:4px 4px  
4px 4px #FF56C9; box-shadow:4px 4px 4px  
4px #FF56C9 }
```

Background

The CSS property to change the background color of an element to Hex FF56C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF56C9 }
```

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

```
.background{ background-color:#FF56C9 }
```

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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