

Converting Colors

Hex(FF56D5)

Have a look what the booklet for
Hex(FF56D5) contains.

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Color

Hex(F56D5)

Conversions

Conversions Part 1

Format	Color
Hex	FF56D5
RGB	255, 86, 213
RGB Percent	100%, 34%, 84%
CMY	0.0000, 0.6627, 0.1647
CMYK	0.00, 0.66, 0.16, 0.00
HSL	315°, 100%, 67%
HSV	315°, 66%, 100%
XYZ	56.5780, 32.7197, 66.2843
YIQ	151.0090, 59.9570, 75.3250

Conversions

Conversions Part 2

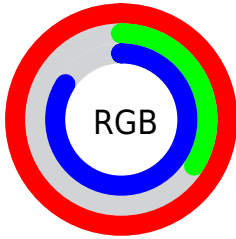
Format	Color
R _Y B	255, 86, 213
Decimal	16733909
CIE Lab	63.93, 76.06, -31.69
CIE LCh	64, 82.400, 337.383
Yxy	32.7197, 0.3637, 0.2103
Android (android.graphics.Color)	4294923989 (0xFFFF56D5)
YUV	151.0090, 30.5616, 91.2001
Hunter-Lab	57.2011, 76.4537, -28.6641

Details

The Hex color **FF56D5** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **56FF80**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FF92FF**, and **C2009E** is the 20% darker color. If you saturate the color by 10%, you get **FF3DCF**, and if you desaturate by 10%, it is **FF70DB**.

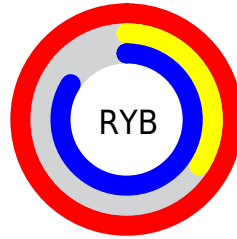
Distribution



Red (100%)

Green (34%)

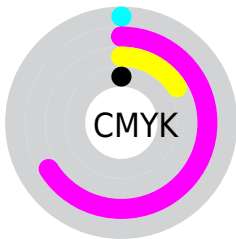
Blue (84%)



Red (100%)

Yellow (34%)

Blue (84%)

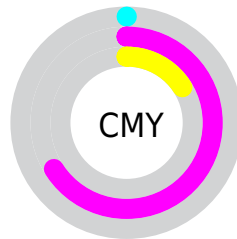


Cyan (0%)

Magenta (66%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (66%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF56D5 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 FF56D5 by changing the saturation by 10% instead.

 FF56D5

 FF56D5

FFFFFF

 E134B9

 FF92FF

 C2009E

 FFB0FF

 A50084

 FFCDFE

 88006A

 FFE8FF

 6B0051

 4F003A

 330024

 0D000A

 000000

■ FF56D5

■ FF56D5

■ FF3DCF

■ FF70DB

■ FF23C8

■ FF89E2

■ FF0AC2

■ FFA3E8

■ FF00C0

■ FFBCEE

■ FFD6F5

■ FFEFFB

FFFFFF

Harmonies

Analogous

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



B17EFF



FF56D5



FF428C

Triad

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



FF56D5



AA9E00



00BAF3

Complementary

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



FF56D5



56FF80

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.



00BBAC



FF56D5



59AF00

Square

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



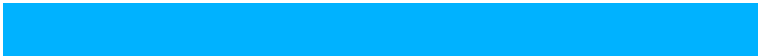
FF56D5



E68200



00B85F



00B2FF

Rectangle

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



FF56D5



FF515C



00B85F



00BBDD

Sweetspot

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



FF56D5



FFCCF2



7D56FF



806178



000000



808080

Same Dimension

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



FF56D5



FF33CC



FF5683



80737C



BF0090



400030

Inverse Universe

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



FF56D5



FF33CC



56FFD2



80737C



BF0090



400030

Previews

White Background



This preview shows how the Hex color FF56D5 looks on a white background.

Color Contrast Check

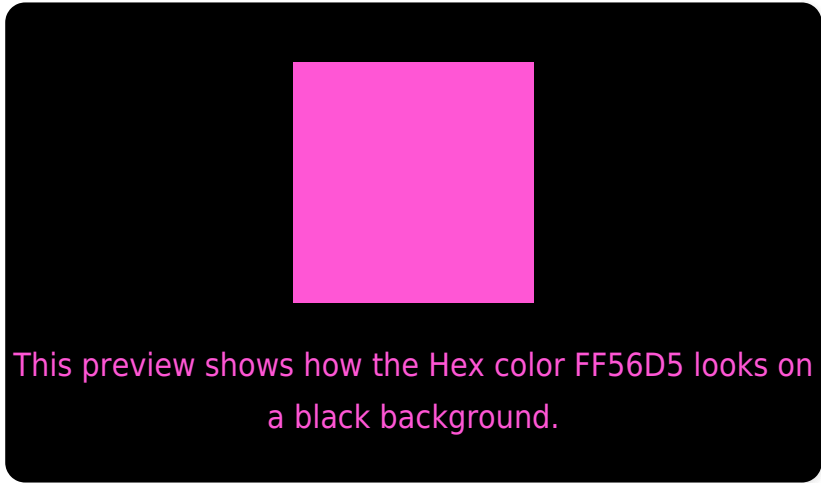
Large Text (above 18pt) WCAG AA × Fail

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 FF56D5 Background



This preview shows how black text looks on a background with the Hex color FF56D5.



This preview shows how white text looks on a background with the Hex color FF56D5.

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
F67078

Trichromacy



Original Color
FF56D5



Protanomaly
A580F0



Deuteranomaly
B881CF



Tritanomaly
F9679A

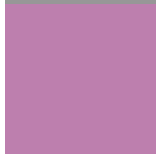
Monochromacy



Original Color
FF56D5



Achromatopsia
979797



Achromatomaly
BD7FAE

CSS Examples

Text

The CSS property to change the color of the text to Hex FF56D5 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 #FF56D5 looks like.

```
.text, #text, p{  
    color:#FF56D5  
}
```

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 #FF56D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF56D5
}
```

Border

The CSS property to change the border of an element to Hex FF56D5 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
#FF56D5 }
```

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

```
.border{ border-color:#FF56D5 }
```

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

Here you see how a box with a 4 pixel #FF56D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF56D5; -webkit-box-shadow:4px 4px  
4px 4px #FF56D5; box-shadow:4px 4px 4px  
4px #FF56D5 }
```

Background

The CSS property to change the background color of an element to Hex FF56D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF56D5 }
```

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

```
.background{ background-color:#FF56D5 }
```

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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