

Converting Colors

Hex(FF56E0)

Have a look what the booklet for
Hex(FF56E0) contains.

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Color

Hex(F56E0)

Conversions

Conversions Part 1

Format	Color
Hex	FF56E0
RGB	255, 86, 224
RGB Percent	100%, 34%, 88%
CMY	0.0000, 0.6627, 0.1216
CMYK	0.00, 0.66, 0.12, 0.00
HSL	311°, 100%, 67%
HSV	311°, 66%, 100%
XYZ	58.0223, 33.2974, 73.8899
YIQ	152.2630, 56.4260, 78.7460

Conversions

Conversions Part 2

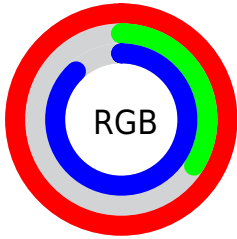
Format	Color
R _{YB}	255, 86, 224
Decimal	16733920
CIE _{Lab}	64.40, 77.60, -37.13
CIE _{LCh}	64, 86.023, 334.428
Yxy	33.2974, 0.3512, 0.2015
Android (android.graphics.Color)	4294924000 (0xFFFF56E0)
YUV	152.2630, 35.3663, 90.1003
Hunter-Lab	57.7039, 78.5032, -35.5282

Details

The Hex color **FF56E0** 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 **56FF75**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FF92FF**, and **C300A8** is the 20% darker color. If you saturate the color by 10%, you get **FF3DDB**, and if you desaturate by 10%, it is **FF70E5**.

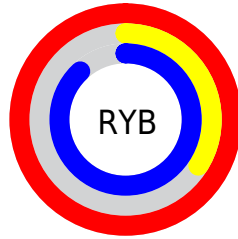
Distribution



Red (100%)

Green (34%)

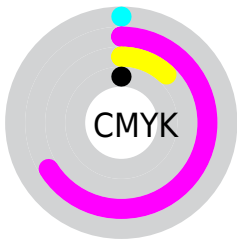
Blue (88%)



Red (100%)

Yellow (34%)

Blue (88%)

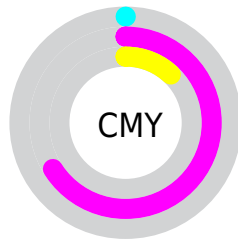


Cyan (0%)

Magenta (66%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (66%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF56E0 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 FF56E0 by changing the saturation by 10% instead.

 FF56E0

 FF56E0

FFFFFF

 E134C4

 FF92FF

 C300A8

 FFB0FF

 A5008E

 FFCEFF

 880074

 FFECFF

 6B005B

 4F0043

 34002C

 0F0015

 000000

 FF56E0

 FF56E0

 FF3DDB

 FF70E5

 FF23D7

 FF89E9

 FF0AD2

 FFA3EE

 FF00D0

 FFBCF3

 FFD6F7

 FFEFFC

FFFFFF

Harmonies

Analogous

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



A782FF



FF56E0



FF3A94

Triad

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



FF56E0



B29D00



00BDF2

Complementary

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



FF56E0



56FF75

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.



00BDA6



FF56E0



61B000

Square

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



FF56E0



EF7E00



00B955



00B5FF

Rectangle

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



FF56E0



FF4862



00B955



00BEDA

Sweetspot

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



FF56E0



FFCCF6



7556FF



80617A



000000



808080

Same Dimension

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



FF56E0



FF33DA



FF568C



80737D



BF009C



400034

Inverse Universe

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



FF56E0



FF33DA



56FFC9



80737D



BF009C



400034

Previews

White Background



This preview shows how the Hex color FF56E0 looks on a white background.

Color Contrast Check

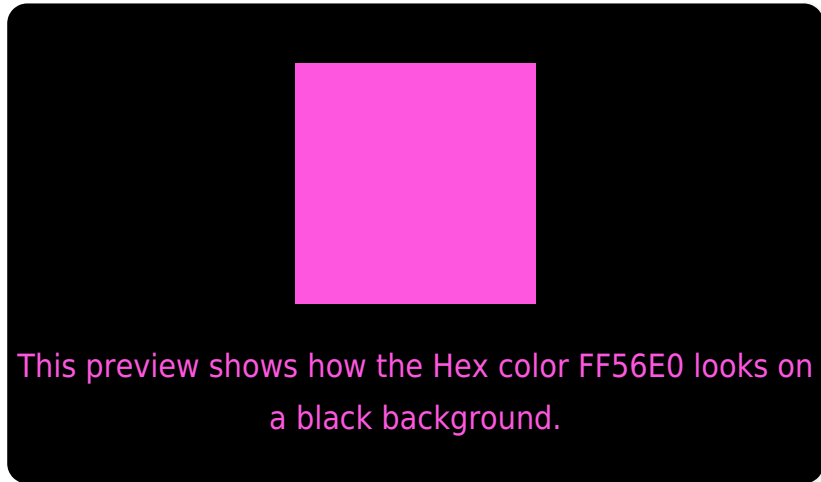
Large Text (above 18pt) WCAG AA × Fail

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 FF56E0 Background



This preview shows how black text looks on a background with the Hex color FF56E0.



This preview shows how white text looks on a background with the Hex color FF56E0.

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](#).

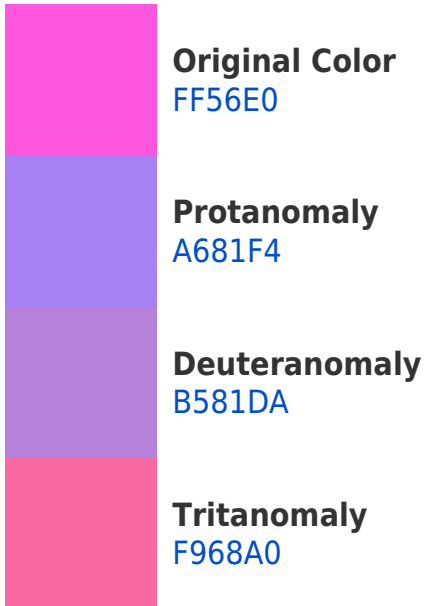
Dichromacy





Tritanopia
F5737B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF56E0 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 #FF56E0 looks like.

```
.text, #text, p{  
    color:#FF56E0  
}
```

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 #FF56E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF56E0
}
```

Border

The CSS property to change the border of an element to Hex FF56E0 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
#FF56E0 }
```

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

```
.border{ border-color:#FF56E0 }
```

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

Here you see how a box with a 4 pixel #FF56E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF56E0; -webkit-box-shadow:4px 4px  
4px 4px #FF56E0; box-shadow:4px 4px 4px  
4px #FF56E0 }
```

Background

The CSS property to change the background color of an element to Hex FF56E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF56E0 }
```

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

```
.background{ background-color:#FF56E0 }
```

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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