

Converting Colors

Hex(FF56A6)

Have a look what the booklet for
Hex(FF56A6) contains.

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Color

Hex(F56A6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF56A6 |
| RGB | 255, 86, 166 |
| RGB Percent | 100%, 34%, 65% |
| CMY | 0.0000, 0.6627, 0.3490 |
| CMYK | 0.00, 0.66, 0.35, 0.00 |
| HSL | 332°, 100%, 67% |
| HSV | 332°, 66%, 100% |
| XYZ | 51.4507, 30.6688, 39.2843 |
| YIQ | 145.6510, 75.0440, 60.7080 |

Conversions

Conversions Part 2

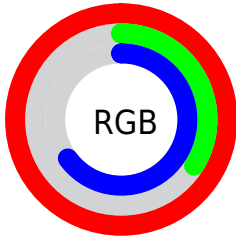
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 86, 166 |
| Decimal | 16733862 |
| CIE Lab | 62.23, 70.31, -7.51 |
| CIE LCh | 62, 70.708, 353.906 |
| Yxy | 30.6688, 0.4238, 0.2526 |
| Android (android.graphics.Color) | 4294923942 (0xFFFF56A6) |
| YUV | 145.6510, 10.0321, 95.8991 |
| Hunter-Lab | 55.3794, 68.9232, -3.2928 |

Details

The Hex color **FF56A6** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **56FFAF**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FF91DD**, and **C20072** is the 20% darker color. If you saturate the color by 10%, you get **FF3D99**, and if you desaturate by 10%, it is **FF70B3**.

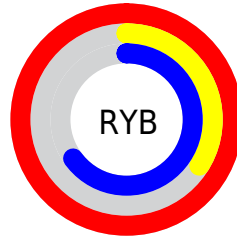
Distribution



Red (100%)

Green (34%)

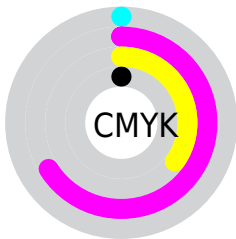
Blue (65%)



Red (100%)

Yellow (34%)

Blue (65%)

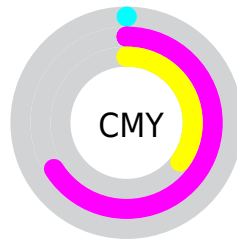


Cyan (0%)

Magenta (66%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (66%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF56A6 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 FF56A6 by changing the saturation by 10% instead.

 FF56A6

 FF56A6

FFFFFF

 E0368C

 FF91DD

 C20072

 FFAEFA

 A4005A

 FFC0FF

 860042

 FFEAFF

 69002C

 4D0018

 300002

 000000

 FF56A6

 FF56A6

 FF3D99

 FF70B3

 FF238B

 FF89C1

 FF0A7E

 FFA3CE

 FF0079

 FFBCDC

 FFD6E9

 FFEFF7

FFFFFF

Harmonies

Analogous

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



D56EE1



FF56A6



FF5B68

Triad

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



FF56A6



83A200



00AEFB

Complementary

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



FF56A6



56FFAF

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.



00B3C8



FF56A6



20AD47

Square

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



FF56A6



BF8F00



00B287



00A2FF

Rectangle

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



FF56A6



F76B41



00B287



00B1EC

Sweetspot

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



FF56A6



FFCCE4



AD56FF



80616F



000000



808080

Same Dimension

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



FF56A6



FF3394



FF5956



807379



BF005B



40001E

Inverse Universe

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



FF56A6



FF3394



56FCFF



807379



BF005B



40001E

Previews

White Background



This preview shows how the Hex color FF56A6 looks on a white background.

Color Contrast Check

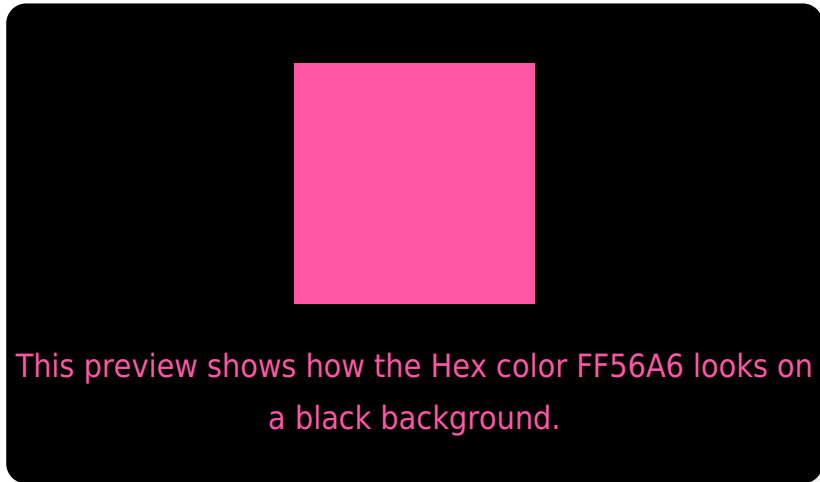
Large Text (above 18pt) WCAG AA × Fail

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 FF56A6 Background



This preview shows how black text looks on a background with the Hex color FF56A6.

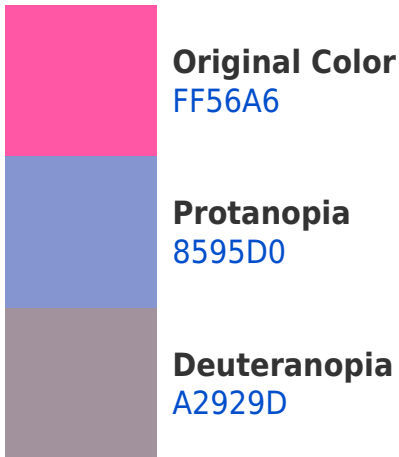


This preview shows how white text looks on a background with the Hex color FF56A6.

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
FB646B

Trichromacy



Original Color
FF56A6



Protanomaly
B17EC1



Deuteranomaly
C47CA0



Tritanomaly
FC5F80

Monochromacy



Original Color
FF56A6



Achromatopsia
929292



Achromatomaly
BA7C99

CSS Examples

Text

The CSS property to change the color of the text to Hex FF56A6 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 #FF56A6 looks like.

```
.text, #text, p{  
    color:#FF56A6  
}
```

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 #FF56A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF56A6
}
```

Border

The CSS property to change the border of an element to Hex FF56A6 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
#FF56A6 }
```

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

```
.border{ border-color:#FF56A6 }
```

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

Here you see how a box with a 4 pixel #FF56A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF56A6; -webkit-box-shadow:4px 4px  
4px 4px #FF56A6; box-shadow:4px 4px 4px  
4px #FF56A6 }
```

Background

The CSS property to change the background color of an element to Hex FF56A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF56A6 }
```

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

```
.background{ background-color:#FF56A6 }
```

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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