

Converting Colors

Hex(FF558B)

Have a look what the booklet for
Hex(FF558B) contains.

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Color

Hex(F558B)

Conversions

Conversions Part 1

Format	Color
Hex	FF558B
RGB	255, 85, 139
RGB Percent	100%, 33%, 55%
CMY	0.0000, 0.6667, 0.4549
CMYK	0.00, 0.67, 0.45, 0.00
HSL	341°, 100%, 67%
HSV	341°, 67%, 100%
XYZ	49.1487, 29.6211, 27.5531
YIQ	141.9860, 83.9860, 52.8340

Conversions

Conversions Part 2

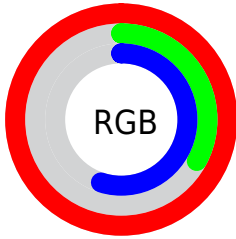
Format	Color
R _Y B	255, 85, 139
Decimal	16733579
CIE Lab	61.33, 68.02, 6.82
CIE LCh	61, 68.363, 5.723
Yxy	29.6211, 0.4623, 0.2786
Android (android.graphics.Color)	4294923659 (0xFFFF558B)
YUV	141.9860, -1.4721, 99.1133
Hunter-Lab	54.4253, 65.9502, 8.0818

Details

The Hex color **FF558B** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **55FFC9**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF90C0**, and **C10159** is the 20% darker color. If you saturate the color by 10%, you get **FF3B7A**, and if you desaturate by 10%, it is **FF6E9C**.

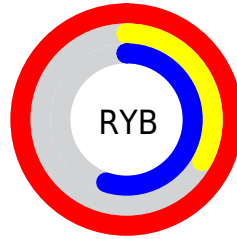
Distribution



Red (100%)

Green (33%)

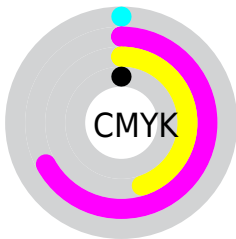
Blue (55%)



Red (100%)

Yellow (33%)

Blue (55%)

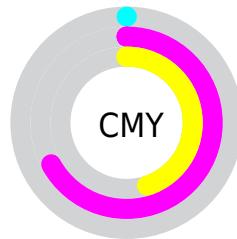


Cyan (0%)

Magenta (67%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (67%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF558B 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 FF558B by changing the saturation by 10% instead.

 FF558B

 FF558B

FFFFFF

 E03572

 FF90C0

 C10159

 FFADDC

 A20042

 FFCAF9

 84002C

 FFE8FF

 660019

 4A0003

 2B0001

 000000

 FF558B

 FF558B

 FF3B7A

 FF6E9C

 FF2268

 FF88AE

 FF0857

 FFA2BF

 FF0051

 FFBBD1

 FFD4E2

 FFEEF3

FFFFFF

Harmonies

Analogous

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



E562C7



FF558B



F86451

Triad

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



FF558B



67A424



00A7FF

Complementary

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



FF558B



55FFC9

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.



00AFD9



FF558B



00AD5F

Square

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



FF558B



A69500



00B09E



0098FF

Rectangle

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



FF558B



E5762D



00B09E



00ABF7

Sweetspot

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



FF558B



FFCCDC



C655FF



80616B



000000



808080

Same Dimension

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



FF558B



FF3374



FF7155



807377



BF003D



400014

Inverse Universe

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



FF558B



FF3374



55E3FF



807377



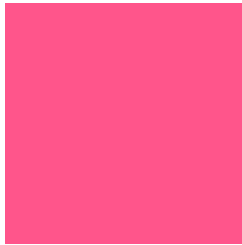
BF003D



400014

Previews

White Background



This preview shows how the Hex color FF558B looks on a white background.

Color Contrast Check

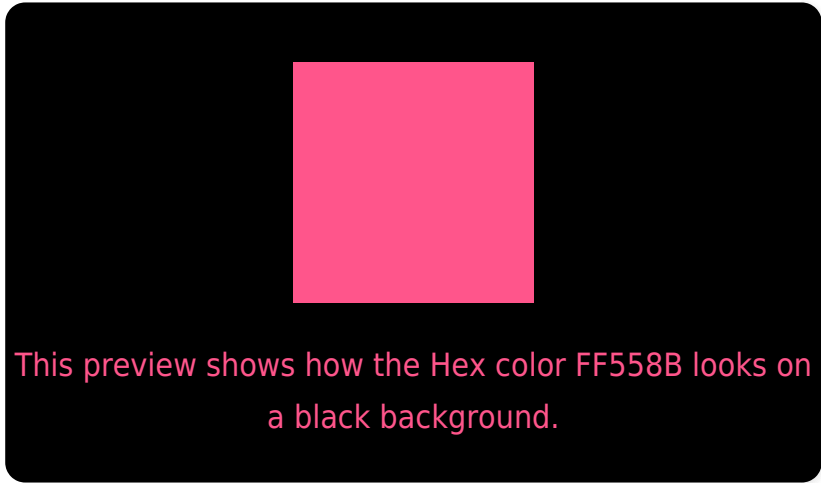
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF558B Background



This preview shows how black text looks on a background with the Hex color FF558B.

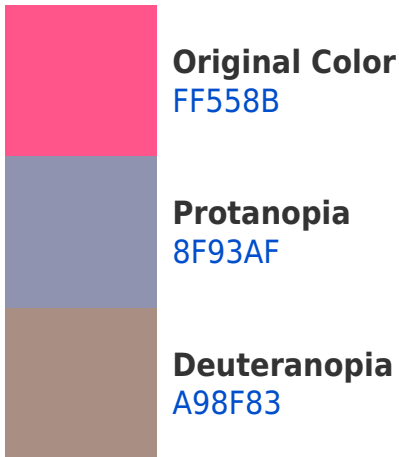


This preview shows how white text looks on a background with the Hex color FF558B.

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





Trichromacy



Original Color
FF558B



Protanomaly
B87CA2



Deuteranomaly
C87A86



Tritanomaly
FD5A72

Monochromacy



Original Color
FF558B



Achromatopsia
8E8E8E



Achromatomaly
B7798D

CSS Examples

Text

The CSS property to change the color of the text to Hex FF558B 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 #FF558B looks like.

```
.text, #text, p{  
    color:#FF558B  
}
```

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 #FF558B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF558B
}
```

Border

The CSS property to change the border of an element to Hex FF558B 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
#FF558B }
```

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

```
.border{ border-color:#FF558B }
```

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

Here you see how a box with a 4 pixel #FF558B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF558B; -webkit-box-shadow:4px 4px  
4px 4px #FF558B; box-shadow:4px 4px 4px  
4px #FF558B }
```

Background

The CSS property to change the background color of an element to Hex FF558B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF558B }
```

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

```
.background{ background-color:#FF558B }
```

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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