

Converting Colors

Hex(80588F)

Have a look what the booklet for
Hex(80588F) contains.

Hex(80588F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(80588F)

Conversions

Conversions Part 1

Format	Color
Hex	80588F
RGB	128, 88, 143
RGB Percent	50%, 35%, 56%
CMY	0.4980, 0.6549, 0.4392
CMYK	0.10, 0.38, 0.00, 0.44
HSL	284°, 24%, 45%
HSV	284°, 38%, 56%
XYZ	17.3497, 13.5518, 27.6879
YIQ	106.2300, 6.1850, 25.5850

Conversions

Conversions Part 2

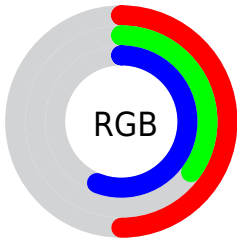
Format	Color
R_{YB}	128, 88, 143
Decimal	8411279
CIE _{Lab}	43.58, 26.81, -23.98
CIE _{LCh}	44, 35.967, 318.188
Yxy	13.5518, 0.2961, 0.2313
Android (android.graphics.Color)	4286601359 (0xFF80588F)
YUV	106.2300, 18.1276, 19.0923
Hunter-Lab	36.8128, 19.7040, -18.8247

Details

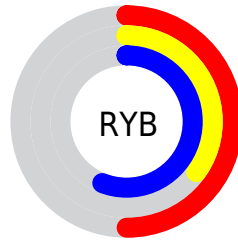
The Hex color **80588F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **678F58**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B68BC5**, and **4E295C** is the 20% darker color. If you saturate the color by 10%, you get **7C4A8F**, and if you desaturate by 10%, it is **84668F**.

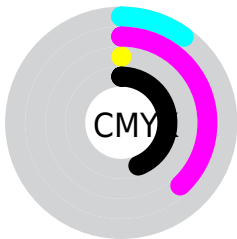
Distribution



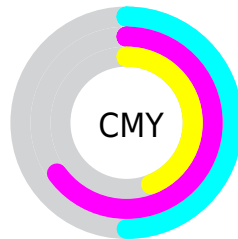
- Red (50%)
- Green (35%)
- Blue (56%)



- Red (50%)
- Yellow (35%)
- Blue (56%)



- Cyan (10%)
- Magenta (38%)
- Yellow (0%)
- Black (44%)



- Cyan (50%)
- Magenta (65%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80588F 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 80588F by changing the saturation by 10% instead.

 80588F

 80588F

FFFFFF

 664075

 B68BC5

 4E295C

 D2A5E1

 361345

 EEC1FE

 20002E

 FFDDFF

 000119


 FFF9FF

 000000

 80588F

 80588F

 7C4A8F

 84668F

 783B8F

 88758F

742D8F

8C838F

701F8F

90918F

6C108F

94A08F

69028F

97AE8F

68008F

9BBC8F

9FCA8F

A3D98F

Harmonies

Analogous

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



5664A0



80588F



984F74

Triad

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



80588F



83612B



007679

Complementary

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



80588F



678F58

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.



03755A



80588F



676B2C

Square

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



80588F



97563C



44723E



007493

Rectangle

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



80588F



9F4E60



44723E



00766E

Sweetspot

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



80588F



B4A4BA



58688F



5B515E



DEDEDE



5E5E5E

Same Dimension

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



80588F



A365BA



8F5883



454047



620087



060008

Inverse Universe

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



8F5867



BA657C



588F64



474042



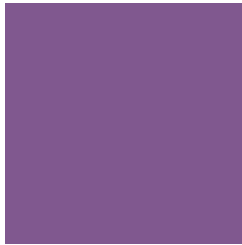
870025



080002

Previews

White Background



This preview shows how the Hex color 80588F looks on a white background.

Color Contrast Check

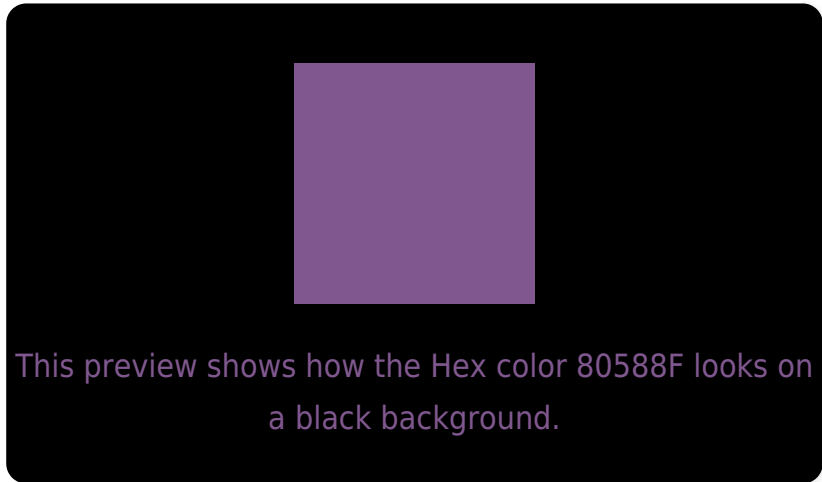
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

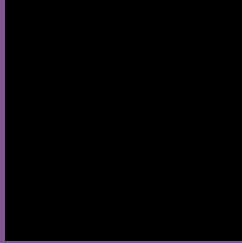
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 80588F Background



This preview shows how black text looks on a background with the Hex color 80588F.




This preview shows how white text looks on a background with the Hex color 80588F.

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
7A6068

Trichromacy



Original Color
80588F

Protanomaly
656196

Deuteranomaly
69618D

Tritanomaly
7C5D76

Monochromacy



Original Color
80588F

Achromatopsia
6A6A6A

Achromatomaly
726377

CSS Examples

Text

The CSS property to change the color of the text to Hex 80588F 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 #80588F looks like.

```
.text, #text, p{  
    color:#80588F  
}
```

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 #80588F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80588F
}
```

Border

The CSS property to change the border of an element to Hex 80588F is called "border". The border property can be set on classes, ids or directly on the HTML element.

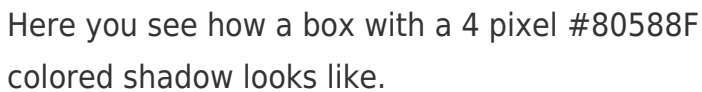
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80588F }
```

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

```
.border{ border-color:#80588F }
```

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



Here you see how a box with a 4 pixel #80588F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80588F; -webkit-box-shadow:4px 4px  
4px 4px #80588F; box-shadow:4px 4px 4px  
4px #80588F }
```

Background

The CSS property to change the background color of an element to Hex 80588F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80588F }
```

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

```
.background{ background-color:#80588F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor