

Converting Colors

Hex(89558C)

Have a look what the booklet for
Hex(89558C) contains.

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Color

Hex(89558C)

Conversions

Conversions Part 1

Format	Color
Hex	89558C
RGB	137, 85, 140
RGB Percent	54%, 33%, 55%
CMY	0.4627, 0.6667, 0.4510
CMYK	0.02, 0.39, 0.00, 0.45
HSL	297°, 24%, 44%
HSV	297°, 39%, 55%
XYZ	18.2987, 13.7088, 26.4926
YIQ	106.8180, 13.3370, 28.1290

Conversions

Conversions Part 2

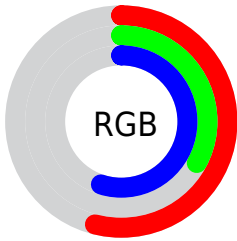
Format	Color
R _Y B	137, 85, 140
Decimal	9000332
CIE Lab	43.81, 30.90, -21.73
CIE LCh	44, 37.777, 324.878
Yxy	13.7088, 0.3128, 0.2343
Android (android.graphics.Color)	4287190412 (0xFF89558C)
YUV	106.8180, 16.3587, 26.4696
Hunter-Lab	37.0254, 23.4236, -16.5056

Details

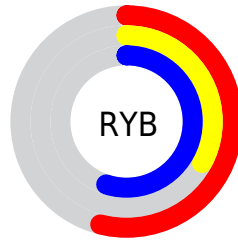
The Hex color **89558C** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **588C55**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **BF88C2**, and **56255A** is the 20% darker color. If you saturate the color by 10%, you get **88478C**, and if you desaturate by 10%, it is **8A638C**.

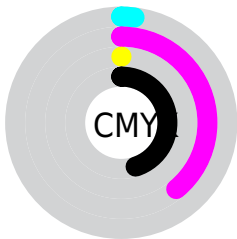
Distribution



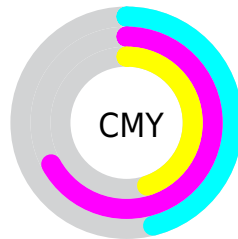
- Red (54%)
- Green (33%)
- Blue (55%)



- Red (54%)
- Yellow (33%)
- Blue (55%)



- Cyan (2%)
- Magenta (39%)
- Yellow (0%)
- Black (45%)



- Cyan (46%)
- Magenta (67%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89558C 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 89558C by changing the saturation by 10% instead.

 89558C

 89558C

FFFFFF

 6F3D72

 BF88C2

 56255A

 DCA2DE

 3D0E42

 F8BEFA

 27002C

 FFDAFF

 000016

 FFF7FF

 000000

 89558C

 89558C

 88478C

 8A638C

 87398C

 8B718C

 872B8C

 8B7F8C

 861D8C

 8C8D8C

 850F8C

 8D9B8C

 84018C

 8EA98C

 84008C

 8EB78C

 8FC58C

 90D38C

Harmonies

Analogous

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



6161A0



89558C



9E4D6E

Triad

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



89558C



7E6427



007781

Complementary

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



89558C



588C55

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.



007761



89558C



606E2C

Square

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



89558C



955835



397442



00749A

Rectangle

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



89558C



A24D59



397442



007777

Sweetspot

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



89558C



B49FB5



55598C



5B4F5C



DBDBDB



5C5C5C

Same Dimension

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



89558C



B060B5



8C5574



443E45



7D0085



050005

Inverse Universe

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



8C5558



B56065



558C6D



453E3E



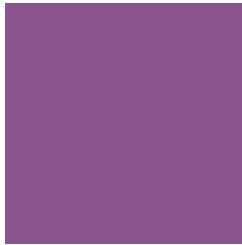
850007



050000

Previews

White Background



This preview shows how the Hex color 89558C looks on a white background.

Color Contrast Check

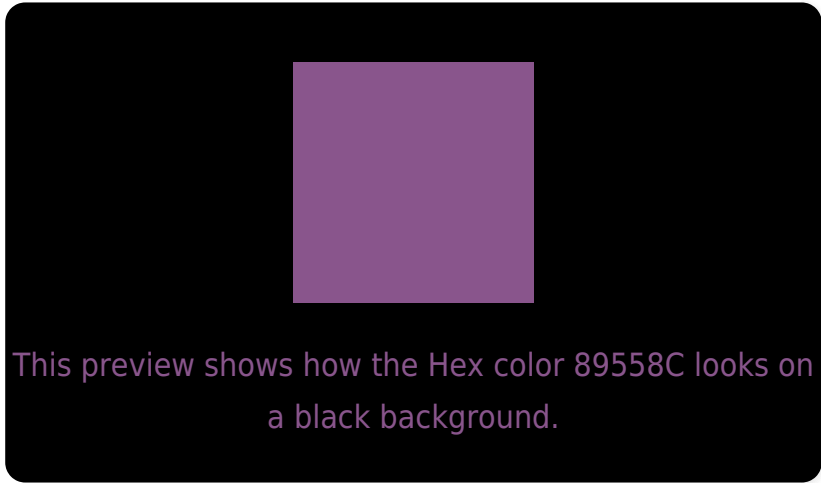
Large Text (above 18pt) WCAG AA ✓ Pass

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

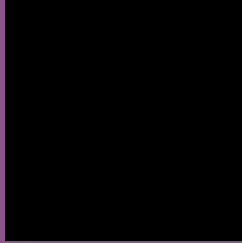
Any Text WCAG AA × Fail

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 89558C Background



This preview shows how black text looks on a background with the Hex color 89558C.




This preview shows how white text looks on a background with the Hex color 89558C.

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
845D65

Trichromacy



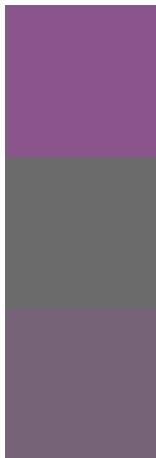
Original Color
89558C

Protanomaly
696095

Deuteranomaly
6F608A

Tritanomaly
865A73

Monochromacy



Original Color
89558C

Achromatopsia
6B6B6B

Achromatomaly
766377

CSS Examples

Text

The CSS property to change the color of the text to Hex 89558C 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 #89558C looks like.

```
.text, #text, p{  
    color:#89558C  
}
```

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 #89558C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89558C
}
```

Border

The CSS property to change the border of an element to Hex 89558C is called "border". The border property can be set on classes, ids or directly on the HTML element.

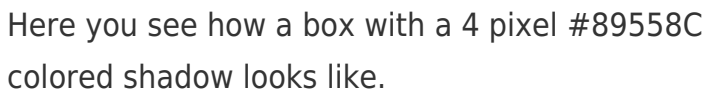
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#89558C }
```

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

```
.border{ border-color:#89558C }
```

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



Here you see how a box with a 4 pixel #89558C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89558C; -webkit-box-shadow:4px 4px  
4px 4px #89558C; box-shadow:4px 4px 4px  
4px #89558C }
```

Background

The CSS property to change the background color of an element to Hex 89558C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89558C }
```

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

```
.background{ background-color:#89558C }
```

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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