

Converting Colors

Hex(858BAF)

Have a look what the booklet for
Hex(858BAF) contains.

Hex(858BAF)	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(858BAF)

Conversions

Conversions Part 1

Format	Color
Hex	858BAF
RGB	133, 139, 175
RGB Percent	52%, 55%, 69%
CMY	0.4784, 0.4549, 0.3137
CMYK	0.24, 0.21, 0.00, 0.31
HSL	231°, 21%, 60%
HSV	231°, 24%, 69%
XYZ	26.6433, 26.5469, 44.2773
YIQ	141.3100, -15.1320, 9.9240

Conversions

Conversions Part 2

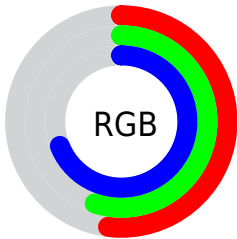
Format	Color
RYB	133, 138, 175
Decimal	8752047
CIELab	58.55, 5.88, -19.63
CIElCh	59, 20.497, 286.679
Yxy	26.5469, 0.2734, 0.2724
Android (android.graphics.Color)	4286942127 (0xFF858BAF)
YUV	141.3100, 16.6092, -7.2879
Hunter-Lab	51.5237, 2.1374, -14.8847

Details

The Hex color **858BAF** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **AFA985**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **BBC0E7**, and **52597A** is the 20% darker color. If you saturate the color by 10%, you get **737CAF**, and if you desaturate by 10%, it is **979AAF**.

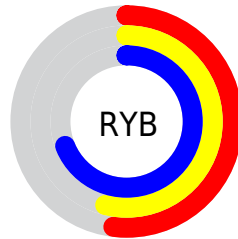
Distribution



Red (52%)

Green (55%)

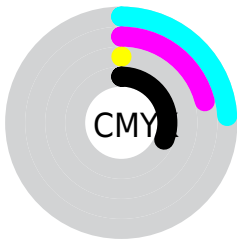
Blue (69%)



Red (52%)

Yellow (54%)

Blue (69%)

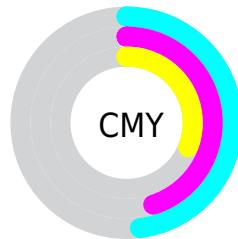


Cyan (24%)

Magenta (21%)

Yellow (0%)

Black (31%)



Cyan (48%)

Magenta (45%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 858BAF 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 858BAF by changing the saturation by 10% instead.



858BAF



858BAF

FFFFFF



6B7294



BBC0E7



52597A



D7DCFF



3B4261



F3F9FF



232C4A



0C1833



00021E



000000



858BAF



858BAF



737CAF



979AAF

626DAF

A8A9AF

515EAF

BAB8AF

3F4FAF

CBC7AF

2E40AF

DDD6AF

1C31AF

EEE5AF

0B22AF

FFF4AF

0019AF

FFFFAF

Harmonies

Analogous

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



6D91AF



858BAF



9C85A6

Triad

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



858BAF



AE8373



689684

Complementary

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



858BAF



AFA985

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.



7B9474



858BAF



A2896A

Square

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



858BAF



B28083



908F6A



5B9796

Rectangle

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



858BAF



A7829B



908F6A



6E967E

Sweetspot

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



858BAF



D3D5E3



85AFA9



6A6B73



F2F2F2



737373

Same Dimension

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



858BAF



A1ABE3



9485AF



4E4F57



001596



000317

Inverse Universe

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



AF858B



E3A1AB



A0AF85



574E4F



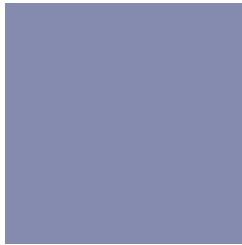
960015



170003

Previews

White Background



This preview shows how the Hex color 858BAF looks on a white background.

Color Contrast Check

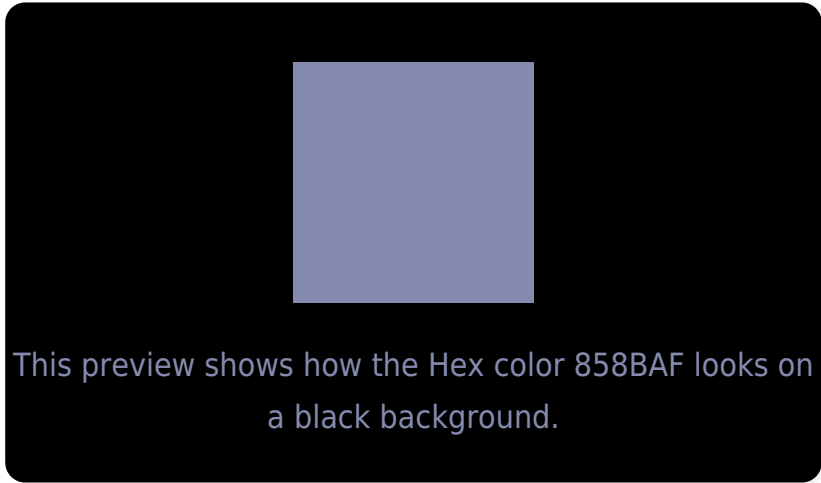
Large Text (above 18pt) WCAG AA ✓ Pass

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

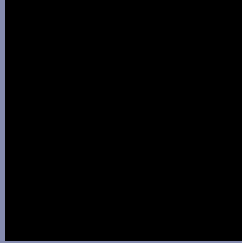
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

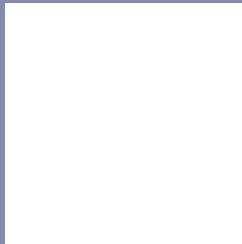
Any Text WCAG AAA × Fail

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

Hex 858BAF Background



This preview shows how black text looks on a background with the Hex color 858BAF.



This preview shows how white text looks on a background with the Hex color 858BAF.

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



Original Color
858BAF

Protanopia
848BAF

Deuteranopia
898AAF



Tritanopia
818F9A

Trichromacy



Original Color
858BAF

Protanomaly
848BAF

Deuteranomaly
888AAF

Tritanomaly
828EA2

Monochromacy



Original Color
858BAF

Achromatopsia
8D8D8D

Achromatomaly
8A8C99

CSS Examples

Text

The CSS property to change the color of the text to Hex 858BAF 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 #858BAF looks like.

```
.text, #text, p{  
    color:#858BAF  
}
```

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 #858BAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #858BAF
}
```

Border

The CSS property to change the border of an element to Hex 858BAF 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
#858BAF }
```

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

```
.border{ border-color:#858BAF }
```

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

Here you see how a box with a 4 pixel #858BAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #858BAF; -webkit-box-shadow:4px 4px  
4px 4px #858BAF; box-shadow:4px 4px 4px  
4px #858BAF }
```

Background

The CSS property to change the background color of an element to Hex 858BAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#858BAF }
```

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

```
.background{ background-color:#858BAF }
```

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