

Converting Colors

Hex(508EA8)

Have a look what the booklet for
Hex(508EA8) contains.

Hex(508EA8)	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(508EA8)

Conversions

Conversions Part 1

Format	Color
Hex	508EA8
RGB	80, 142, 168
RGB Percent	31%, 56%, 66%
CMY	0.6863, 0.4431, 0.3412
CMYK	0.52, 0.15, 0.00, 0.34
HSL	198°, 35%, 49%
HSV	198°, 52%, 66%
XYZ	20.0491, 23.8786, 40.5981
YIQ	126.4260, -45.2980, -5.0580

Conversions

Conversions Part 2

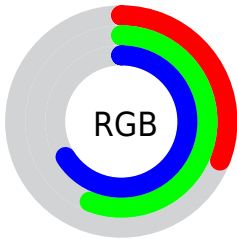
Format	Color
R _Y B	80, 116, 168
Decimal	5279400
CIE Lab	55.97, -12.56, -19.87
CIE LCh	56, 23.507, 237.703
Yxy	23.8786, 0.2372, 0.2825
Android (android.graphics.Color)	4283469480 (0xFF508EA8)
YUV	126.4260, 20.4960, -40.7156
Hunter-Lab	48.8658, -12.2783, -15.0526

Details

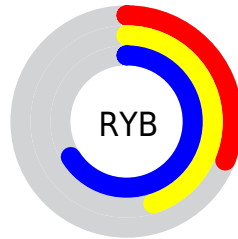
The Hex color **508EA8** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **A86A50**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **87C4DF**, and **115C74** is the 20% darker color. If you saturate the color by 10%, you get **3F89A8**, and if you desaturate by 10%, it is **6193A8**.

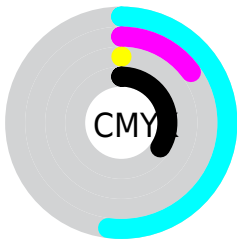
Distribution



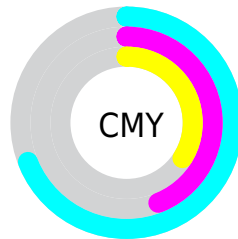
- Red (31%)
- Green (56%)
- Blue (66%)



- Red (31%)
- Yellow (45%)
- Blue (66%)



- Cyan (52%)
- Magenta (15%)
- Yellow (0%)
- Black (34%)



- Cyan (69%)
- Magenta (44%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 508EA8 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 508EA8 by changing the saturation by 10% instead.

508EA8

508EA8

FFFFFF

34748E

87C4DF

115C74

A3E0FC

00445B

BFFCFF

002E44

DCFFFF

001A2D

F9FFFF

000119

000000

508EA8

508EA8

3F89A8

6193A8

■ 2E84A8

■ 7298A8

■ 1E7FA8

■ 829DA8

■ 0D7AA8

■ 93A2A8

■ 0076A8

■ A4A7A8

■ B5ACA8

■ C6B1A8

■ D6B6A8

■ E7BBA8

Harmonies

Analogous

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



479198



508EA8



6A88AF

Triad

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



508EA8



AD7788



818B62

Complementary

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



508EA8



A86A50

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.



96845D



508EA8



AF7874

Square

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



508EA8



9F7B9C



A77D64



698F70

Rectangle

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



508EA8



7E84AD



A77D64



88895F

Sweetspot

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



508EA8



B8D1DB



50A869



59676E



EDEDED



6E6E6E

Same Dimension

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



508EA8



51B2DB



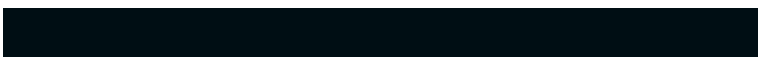
5063A8



4C5254



006894



000E14

Inverse Universe

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



A8508E



DB51B2



A89550



544C52



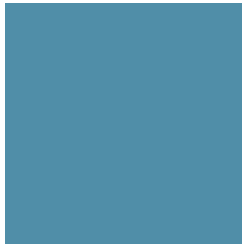
940068



14000E

Previews

White Background



This preview shows how the Hex color 508EA8 looks on a white background.

Color Contrast Check

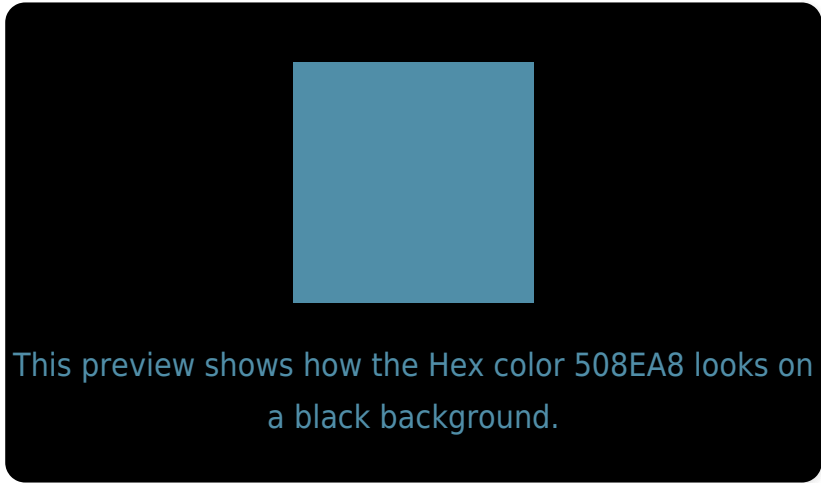
Large Text (above 18pt) WCAG AA ✓ Pass

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

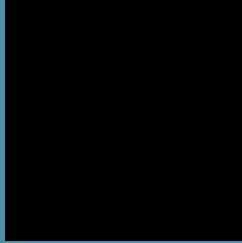
Any Text WCAG AA ✓ Pass

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 508EA8 Background



This preview shows how black text looks on a background with the Hex color 508EA8.

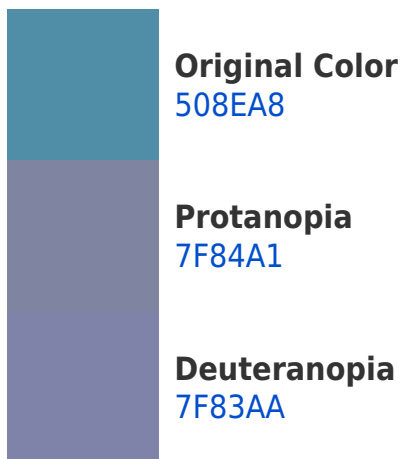


This preview shows how white text looks on a background with the Hex color 508EA8.

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
4C909C

Trichromacy



Original Color
508EA8

Protanomaly
6E88A4

Deuteranomaly
6E87A9

Tritanomaly
4D8FA0

Monochromacy



Original Color
508EA8

Achromatopsia
7E7E7E

Achromatomaly
6D848D

CSS Examples

Text

The CSS property to change the color of the text to Hex 508EA8 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 #508EA8 looks like.

```
.text, #text, p{  
    color:#508EA8  
}
```

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 #508EA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #508EA8  
}
```

Border

The CSS property to change the border of an element to Hex 508EA8 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  
#508EA8 }
```

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

```
.border{ border-color:#508EA8 }
```

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

Here you see how a box with a 4 pixel #508EA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #508EA8; -webkit-box-shadow:4px 4px  
4px 4px #508EA8; box-shadow:4px 4px 4px  
4px #508EA8 }
```

Background

The CSS property to change the background color of an element to Hex 508EA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#508EA8 }
```

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

```
.background{ background-color:#508EA8 }
```

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