

Converting Colors

Hex(508EBA)

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

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Color

Hex(508EBA)

Conversions

Conversions Part 1

Format	Color
Hex	508EBA
RGB	80, 142, 186
RGB Percent	31%, 56%, 73%
CMY	0.6863, 0.4431, 0.2706
CMYK	0.57, 0.24, 0.00, 0.27
HSL	205°, 43%, 52%
HSV	205°, 57%, 73%
XYZ	21.8442, 24.5966, 50.0507
YIQ	128.4780, -51.0760, 0.5400

Conversions

Conversions Part 2

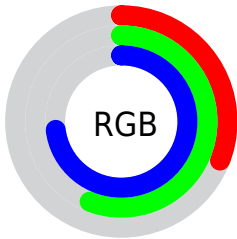
Format	Color
R _Y B	80, 119, 186
Decimal	5279418
CIE Lab	56.68, -7.01, -29.04
CIE LCh	57, 29.875, 256.433
Yxy	24.5966, 0.2264, 0.2549
Android (android.graphics.Color)	4283469498 (0xFF508EBA)
YUV	128.4780, 28.3583, -42.5152
Hunter-Lab	49.5950, -8.1707, -25.1183

Details

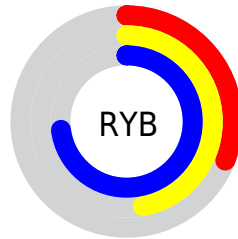
The Hex color **508EBA** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BA7C50**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **89C4F2**, and **065C85** is the 20% darker color. If you saturate the color by 10%, you get **3D86BA**, and if you desaturate by 10%, it is **6396BA**.

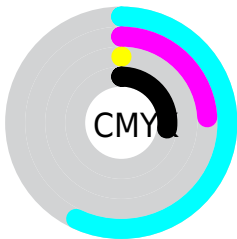
Distribution



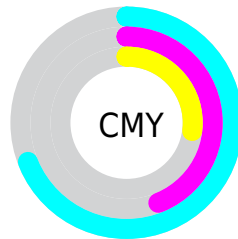
- Red (31%)
- Green (56%)
- Blue (73%)



- Red (31%)
- Yellow (47%)
- Blue (73%)



- Cyan (57%)
- Magenta (24%)
- Yellow (0%)
- Black (27%)



- Cyan (69%)
- Magenta (44%)
- Yellow (27%)

Brightness & Saturation Gradients

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

■ 508EBA

FFFFFF

■ 89C4F2

■ A5DFFF

■ C2FCFF

■ DFFFFF

■ FDFFFF

■ 508EBA

■ 508EBA

■ 32749F

■ 065C85

■ 00456B

■ 002E53

■ 001A3B

■ 000226

■ 00010E

■ 000000

■ 508EBA

■ 3D86BA

■ 6396BA

■ 2B7FBA

■ 759DBA

■ 1877BA

■ 88A5BA

■ 066FBA

■ 9AADBA

■ 006DBA

■ ADB5BA

■ C0BCBA

■ D2C4BA

■ E5CCBA

■ F7D3BA

Harmonies

Analogous

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



2B94AD



508EBA



7A86BA

Triad

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



508EBA



BB747A



6E9163

Complementary

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



508EBA



BA7C50

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.



8B8B55



508EBA



B57A63

Square

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



508EBA



B37595



A48256



4E957B

Rectangle

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



508EBA



927FB2



A48256



78905D

Sweetspot

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



508EBA



C9E1F2



50BA7A



62707A



FAFAFA



7A7A7A

Same Dimension

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



508EBA



4EAEF2



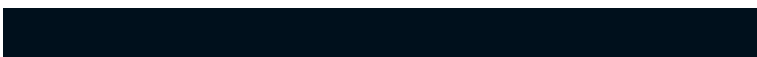
505BBA



53585C



005B9C



00101C

Inverse Universe

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



BA508E



F24EAE



BAAF50



5C5358



9C005B



1C0010

Previews

White Background



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

Color Contrast Check

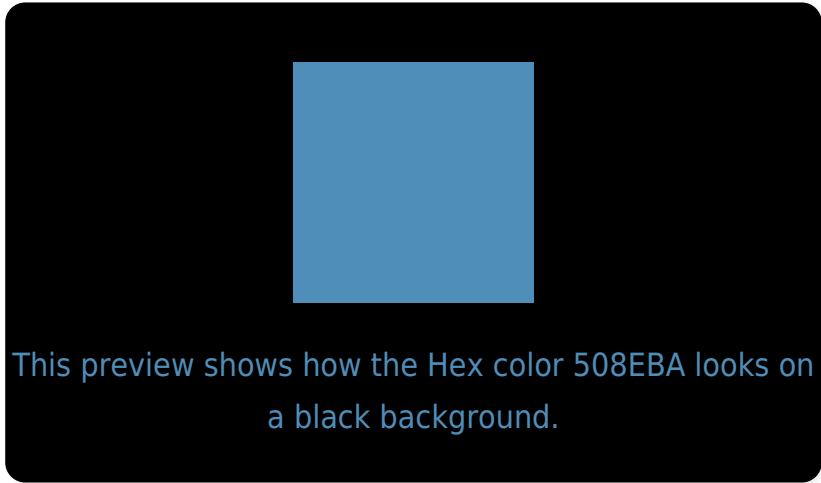
Large Text (above 18pt) WCAG AA ✓ Pass

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

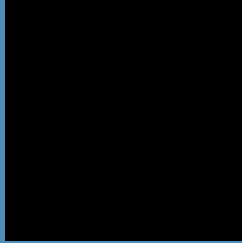
Any Text WCAG AA ✓ Pass

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 508EBA Background



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



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

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](#).

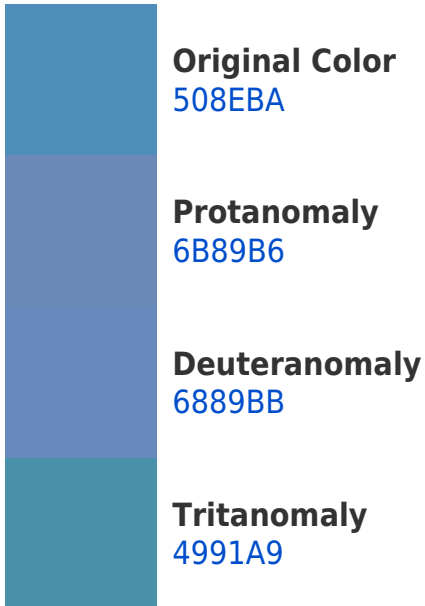
Dichromacy





Tritanopia
45939F

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #508EBA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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