

Converting Colors

Hex(508ACB)

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

Hex(508ACB)	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(508ACB)

Conversions

Conversions Part 1

Format	Color
Hex	508ACB
RGB	80, 138, 203
RGB Percent	31%, 54%, 80%
CMY	0.6863, 0.4588, 0.2039
CMYK	0.61, 0.32, 0.00, 0.20
HSL	212°, 54%, 55%
HSV	212°, 61%, 80%
XYZ	23.1762, 24.1942, 59.9483
YIQ	128.0680, -55.4330, 7.9190

Conversions

Conversions Part 2

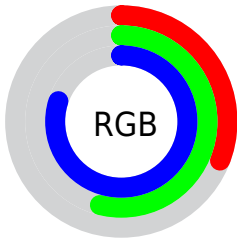
Format	Color
R _Y B	80, 119, 203
Decimal	5278411
CIE Lab	56.28, 0.81, -39.30
CIE LCh	56, 39.306, 271.184
Yxy	24.1942, 0.2160, 0.2254
Android (android.graphics.Color)	4283468491 (0xFF508ACB)
YUV	128.0680, 36.9415, -42.1556
Hunter-Lab	49.1876, -1.9727, -37.8295

Details

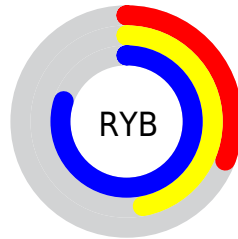
The Hex color **508ACB** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **CB9150**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **8BBFFF**, and **005994** is the 20% darker color. If you saturate the color by 10%, you get **3C7FCB**, and if you desaturate by 10%, it is **6495CB**.

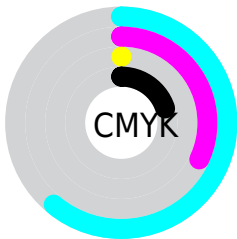
Distribution



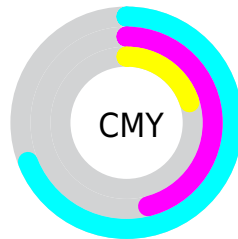
- Red (31%)
- Green (54%)
- Blue (80%)



- Red (31%)
- Yellow (47%)
- Blue (80%)



- Cyan (61%)
- Magenta (32%)
- Yellow (0%)
- Black (20%)



- Cyan (69%)
- Magenta (46%)
- Yellow (20%)

Brightness & Saturation Gradients

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

■ 508ACB

■ 508ACB

FFFFFF

■ 2F71AF

■ 8BBFFF

■ 005994

■ A7DBFF

■ 00417A

■ C5F7FF

■ 002C61

■ E2FFFF

■ 001849

■ 000432

■ 00021C

■ 000000

■ 508ACB

■ 508ACB

■ 3C7FCB

■ 6495CB

■ 2775CB

■ 799FCB

■ 136ACB

■ 8DAACB

■ 0060CB

■ A1B5CB

■ B6C0CB

■ CACACB

■ DED5CB

■ F2E0CB

■ FFEBCB

Harmonies

Analogous

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



0093C2



508ACB



8B7DC1

Triad

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



508ACB



C66E65



4C9665

Complementary

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



508ACB



CB9150

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.



778F4B



508ACB



B6794C

Square

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



508ACB



C66B87



9A8541



009987

Rectangle

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



508ACB



A875B2



9A8541



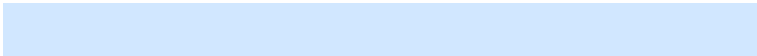
5C945B

Sweetspot

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



508ACB



D1E7FF



50CB90



637180



000000



808080

Same Dimension

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



508ACB



459DFF



5250CB



5C6166



004EA6



001226

Inverse Universe

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



CB508A



FF459D



C9CB50



665C61



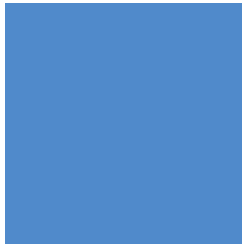
A6004E



260012

Previews

White Background



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

Color Contrast Check

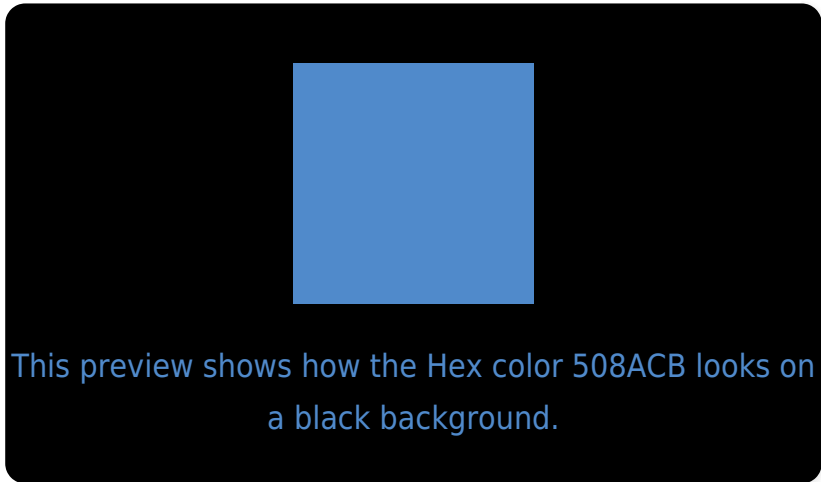
Large Text (above 18pt) WCAG AA ✓ Pass

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 508ACB Background



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

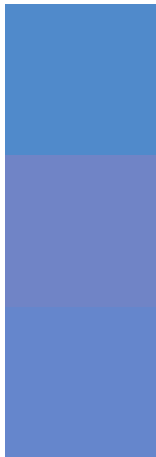


This preview shows how white text looks on a background with the Hex color 508ACB.

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
508ACB

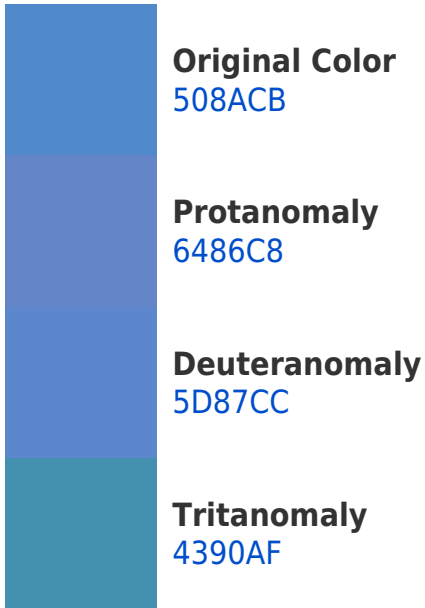
Protanopia
7084C6

Deuteranopia
6586CC

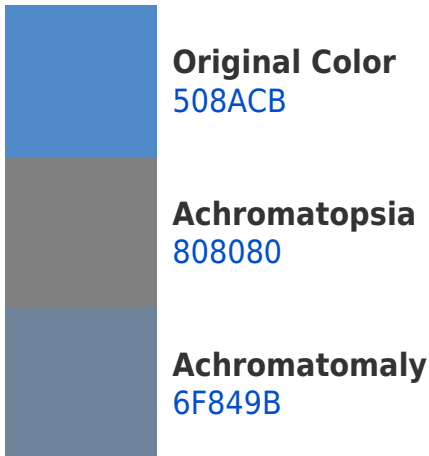


Tritanopia
3C939F

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #508ACB colored shadow looks like.

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

Border

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

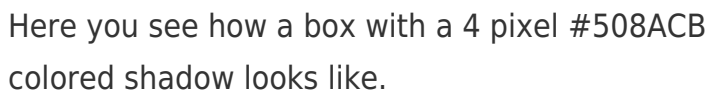
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#508ACB }
```

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

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

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



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

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

Background

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

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

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

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

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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