

# Converting Colors

Hex(518CB2)

Have a look what the booklet for  
Hex(518CB2) contains.

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# Color

**Hex(518CB2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	518CB2
RGB	81, 140, 178
RGB Percent	32%, 55%, 70%
CMY	0.6824, 0.4510, 0.3020
CMYK	0.54, 0.21, 0.00, 0.30
HSL	204°, 39%, 51%
HSV	204°, 54%, 70%
XYZ	20.8073, 23.7199, 45.6012
YIQ	126.6910, -47.3620, -0.6900

# Conversions

## Conversions Part 2

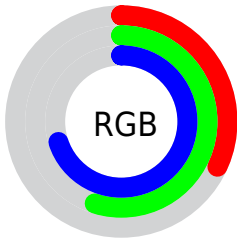
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	81, 118, 178
Decimal	5344434
CIE Lab	55.81, -8.17, -25.83
CIE LCh	56, 27.092, 252.458
Yxy	23.7199, 0.2309, 0.2632
Android (android.graphics.Color)	4283534514 (0xFF518CB2)
YUV	126.6910, 25.2953, -40.0710
Hunter-Lab	48.7030, -8.9701, -21.4218

# Details

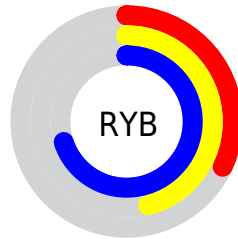
The Hex color **518CB2** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B27751**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **89C1EA**, and **0F5A7D** is the 20% darker color. If you saturate the color by 10%, you get **3F85B2**, and if you desaturate by 10%, it is **6393B2**.

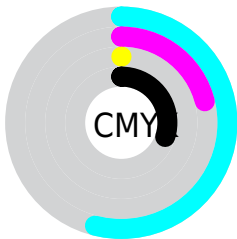
# Distribution



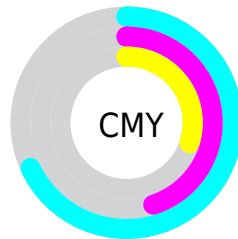
- Red (32%)
- Green (55%)
- Blue (70%)



- Red (32%)
- Yellow (46%)
- Blue (70%)



- Cyan (54%)
- Magenta (21%)
- Yellow (0%)
- Black (30%)



- Cyan (68%)
- Magenta (45%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 518CB2 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 518CB2 by changing the saturation by 10% instead.



■ 518CB2

■ 518CB2

FFFFFF

■ 347397

■ 89C1EA

■ 0F5A7D

■ A5DDFF

■ 004364

■ C1FAFF

■ 002D4C

■ DEFFFF

■ 001935

■ FCFFFF

■ 000220

■ 000003

■ 000000

■ 518CB2

■ 518CB2

■ 3F85B2

■ 6393B2

■ 2D7EB2

■ 759AB2

■ 1C77B2

■ 86A1B2

■ 0A70B2

■ 98A8B2

■ 006CB2

■ AAAFB2

■ BCB6B2

■ CEBDB2

■ DFC4B2

■ F1CBB2

# Harmonies

## Analogous

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



3791A5



518CB2



7585B3

# Triad

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



518CB2



B4747D



728E62

# Complementary

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



518CB2



B27751

# 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.



8C8757



518CB2



B17867

# Square

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



518CB2



AB7694



A28059



569277

# Rectangle

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



518CB2



8B7FAD



A28059



7B8C5D



# Sweetspot

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



518CB2



C3DAE8



51B276



5F6D75



F5F5F5



757575



# Same Dimension

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



518CB2



51ADE8



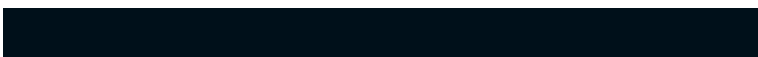
515CB2



505659



005D99



00101A



# Inverse Universe

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



B2518C



E851AD



B2A751



595056



99005D



1A0010



# Previews

## White Background



This preview shows how the Hex color 518CB2 looks on a white background.

## Color Contrast Check

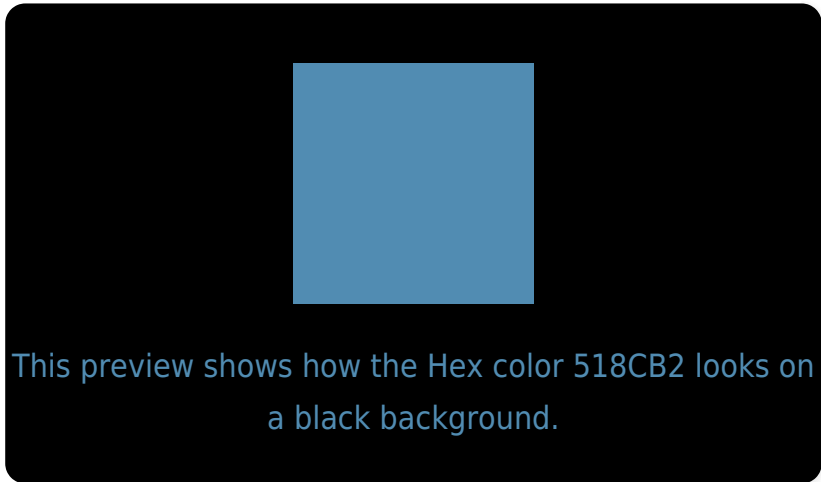
Large Text (above 18pt) WCAG AA ✓ Pass

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

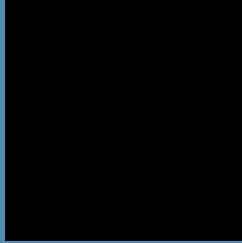
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

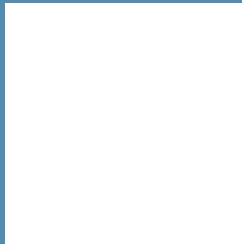
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 518CB2 Background



This preview shows how black text looks on a background with the Hex color 518CB2.

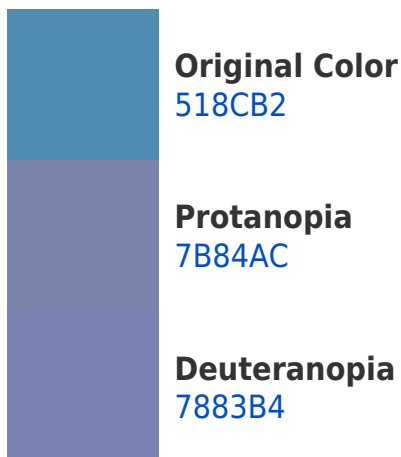


This preview shows how white text looks on a background with the Hex color 518CB2.

# 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](#).

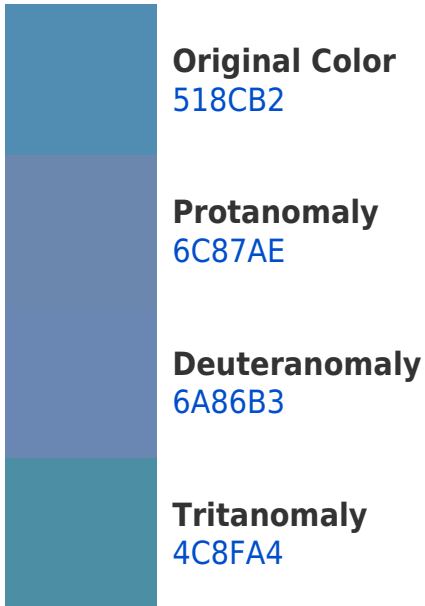
## Dichromacy



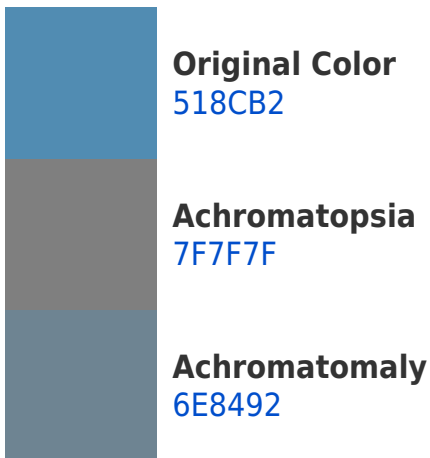


**Tritanopia**  
49909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 518CB2 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 #518CB2 looks like.

```
.text, #text, p{  
    color:#518CB2  
}
```

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 #518CB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #518CB2
}
```

## Border

The CSS property to change the border of an element to Hex 518CB2 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
#518CB2 }
```

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

```
.border{ border-color:#518CB2 }
```

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

Here you see how a box with a 4 pixel #518CB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #518CB2; -webkit-box-shadow:4px 4px  
4px 4px #518CB2; box-shadow:4px 4px 4px  
4px #518CB2 }
```

# Background

The CSS property to change the background color of an element to Hex 518CB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#518CB2 }
```

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

```
.background{ background-color:#518CB2 }
```

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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