

# Converting Colors

Hex(518DA5)

Have a look what the booklet for  
Hex(518DA5) contains.

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# Color

Hex(518DA5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	518DA5
RGB	81, 141, 165
RGB Percent	32%, 55%, 65%
CMY	0.6824, 0.4471, 0.3529
CMYK	0.51, 0.15, 0.00, 0.35
HSL	197°, 34%, 48%
HSV	197°, 51%, 65%
XYZ	19.7097, 23.5157, 39.0975
YIQ	125.7960, -43.4640, -5.2560

# Conversions

## Conversions Part 2

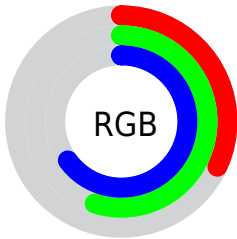
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 116, 165
Decimal	5344677
CIE <sub>Lab</sub>	55.60, -12.67, -18.71
CIE <sub>LCh</sub>	56, 22.593, 235.891
Yxy	23.5157, 0.2394, 0.2857
Android (android.graphics.Color)	4283534757 (0xFF518DA5)
YUV	125.7960, 19.3276, -39.2861
Hunter-Lab	48.4930, -12.3122, -13.8575

# Details

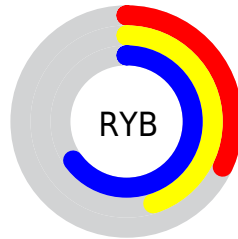
The Hex color **518DA5** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A56951**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **88C3DC**, and **155B71** is the 20% darker color. If you saturate the color by 10%, you get **4088A5**, and if you desaturate by 10%, it is **6192A5**.

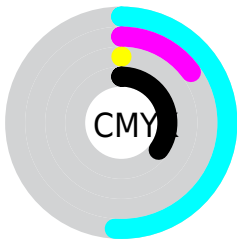
# Distribution



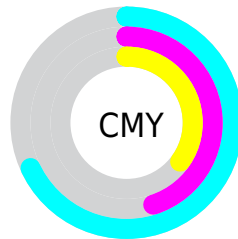
- Red (32%)
- Green (55%)
- Blue (65%)



- Red (32%)
- Yellow (45%)
- Blue (65%)



- Cyan (51%)
- Magenta (15%)
- Yellow (0%)
- Black (35%)



- Cyan (68%)
- Magenta (45%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 518DA5 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 518DA5 by changing the saturation by 10% instead.



■ 518DA5

■ 518DA5

FFFFFF

■ 35738B

■ 88C3DC

■ 155B71

■ A3DFF9

■ 004359

■ C0FBFF

■ 002D41

■ DCFFFF

■ 00192B

■ FAFFFF

■ 000116

■ 000000

■ 518DA5

■ 518DA5

■ 4088A5

■ 6192A5

■ 3084A5

■ 7296A5

■ 1F7FA5

■ 839BA5

■ 0F7AA5

■ 93A0A5

■ 0076A5

■ A3A5A5

■ B4A9A5

■ C4AEA5

■ D5B3A5

■ E5B7A5

# Harmonies

## Analogous

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



4A9096



518DA5



6988AC

# Triad

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



518DA5



AA7789



818962

# Complementary

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



518DA5



A56951

# 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.



96835E



518DA5



AD7875

# Square

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



518DA5



9C7B9B



A57C65



6B8E6F

# Rectangle

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



518DA5



7B83AB



A57C65



89875F



# Sweetspot

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



518DA5



B6CDD6



51A569



58666B



EBEBEB



6B6B6B



# Same Dimension

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



518DA5



54B1D6



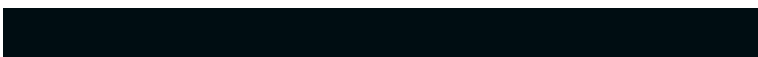
5163A5



494F52



006891



000D12



# Inverse Universe

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



A5518D



D654B1



A59351



52494F



910068



12000D



# Previews

## White Background



This preview shows how the Hex color 518DA5 looks on a white background.

## Color Contrast Check

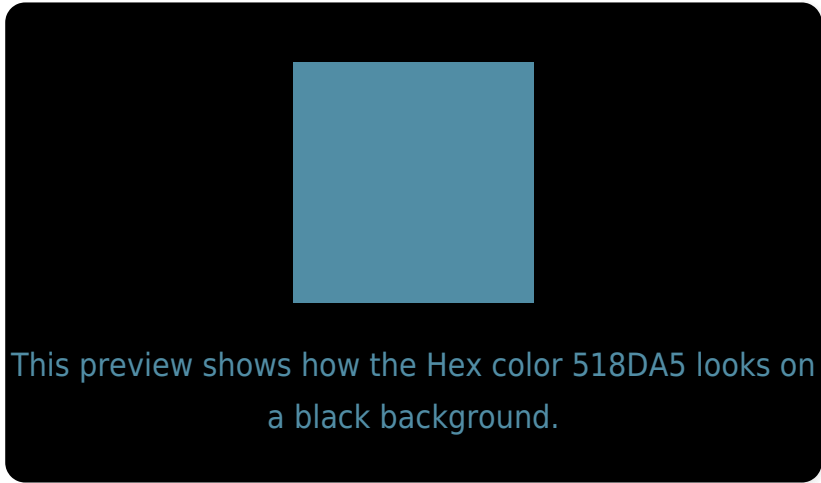
Large Text (above 18pt) WCAG AA ✓ Pass

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

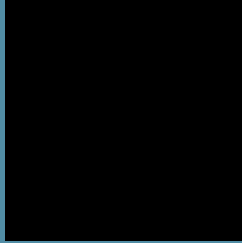
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 518DA5 Background



This preview shows how black text looks on a background with the Hex color 518DA5.

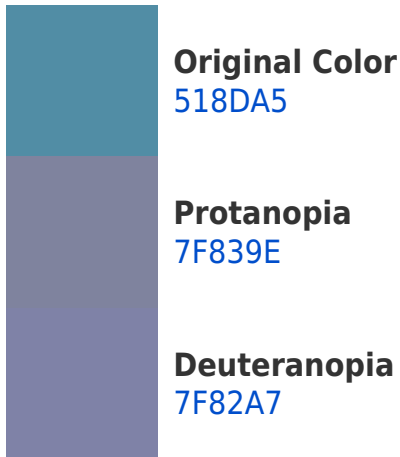


This preview shows how white text looks on a background with the Hex color 518DA5.

# 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](#).

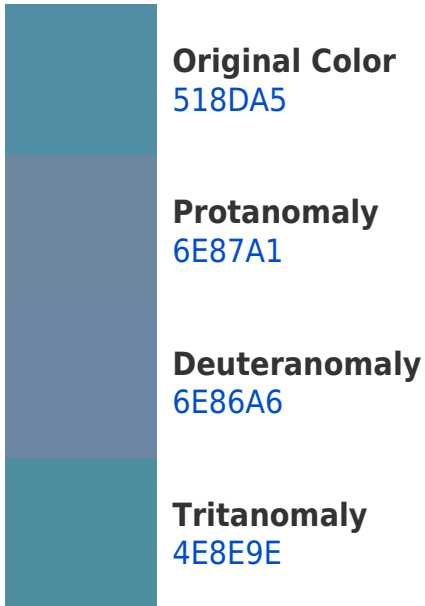
## Dichromacy





**Tritanopia**  
4D8F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 518DA5 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 #518DA5 looks like.

```
.text, #text, p{  
    color:#518DA5  
}
```

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 #518DA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #518DA5
}
```

## Border

The CSS property to change the border of an element to Hex 518DA5 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
#518DA5 }
```

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

```
.border{ border-color:#518DA5 }
```

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

Here you see how a box with a 4 pixel #518DA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #518DA5; -webkit-box-shadow:4px 4px  
4px 4px #518DA5; box-shadow:4px 4px 4px  
4px #518DA5 }
```

# Background

The CSS property to change the background color of an element to Hex 518DA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#518DA5 }
```

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

```
.background{ background-color:#518DA5 }
```

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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