

# Converting Colors

Hex(518EA4)

Have a look what the booklet for  
Hex(518EA4) contains.

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# Color

Hex(518EA4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	518EA4
RGB	81, 142, 164
RGB Percent	32%, 56%, 64%
CMY	0.6824, 0.4431, 0.3569
CMYK	0.51, 0.13, 0.00, 0.36
HSL	196°, 34%, 48%
HSV	196°, 51%, 64%
XYZ	19.7672, 23.7757, 38.6693
YIQ	126.2690, -43.4180, -6.0900

# Conversions

## Conversions Part 2

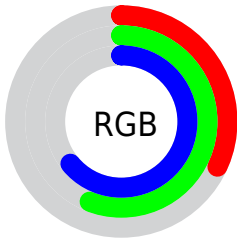
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 116, 164
Decimal	5344932
CIE <sub>Lab</sub>	55.86, -13.52, -17.73
CIE <sub>LCh</sub>	56, 22.296, 232.686
Yxy	23.7757, 0.2404, 0.2892
Android (android.graphics.Color)	4283535012 (0xFF518EA4)
YUV	126.2690, 18.6014, -39.7009
Hunter-Lab	48.7603, -12.9675, -12.8876

# Details

The Hex color **518EA4** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A46751**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **87C4DB**, and **155C70** is the 20% darker color. If you saturate the color by 10%, you get **418AA4**, and if you desaturate by 10%, it is **6192A4**.

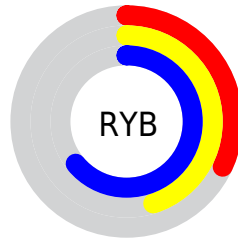
# Distribution



Red (32%)

Green (56%)

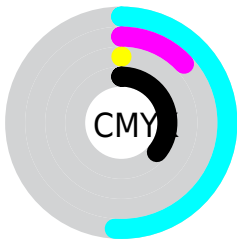
Blue (64%)



Red (32%)

Yellow (45%)

Blue (64%)

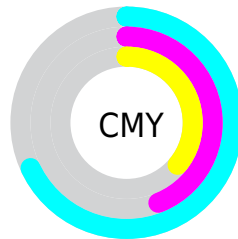


Cyan (51%)

Magenta (13%)

Yellow (0%)

Black (36%)



Cyan (68%)

Magenta (44%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 518EA4 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 518EA4 by changing the saturation by 10% instead.



■ 518EA4

■ 518EA4

FFFFFF

■ 35748A

■ 87C4DB

■ 155C70

■ A3E0F8

■ 004458

■ BFFCFF

■ 002E40

■ DCFFFF

■ 001A2A

■ FAFFFF

■ 000116

■ 000000

■ 518EA4

■ 518EA4

■ 418AA4

■ 6192A4

■ 3085A4

■ 7297A4

■ 2081A4

■ 829BA4

■ 0F7DA4

■ 939FA4

■ 0079A4

■ A3A4A4

■ B3A8A4

■ C4ACA4

■ D4B1A4

■ E5B5A4

# Harmonies

## Analogous

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



4C9094



518EA4



6789AC

# Triad

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



518EA4



A9788B



858962

# Complementary

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



518EA4



A46751

# 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.



988360



518EA4



AD7878

# Square

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



518EA4



9A7C9E



A77D68



6E8E6E

# Rectangle

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



518EA4



7985AB



A77D68



8C8760



# Sweetspot

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



518EA4



B6CED6



51A466



58666B



EBEBEB



6B6B6B



# Same Dimension

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



518EA4



54B4D6



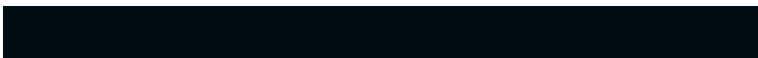
5166A4



494F52



006B91



000D12



# Inverse Universe

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



A4518E



D654B4



A48F51



52494F



91006B



12000D



# Previews

## White Background



This preview shows how the Hex color 518EA4 looks on a white background.

## Color Contrast Check

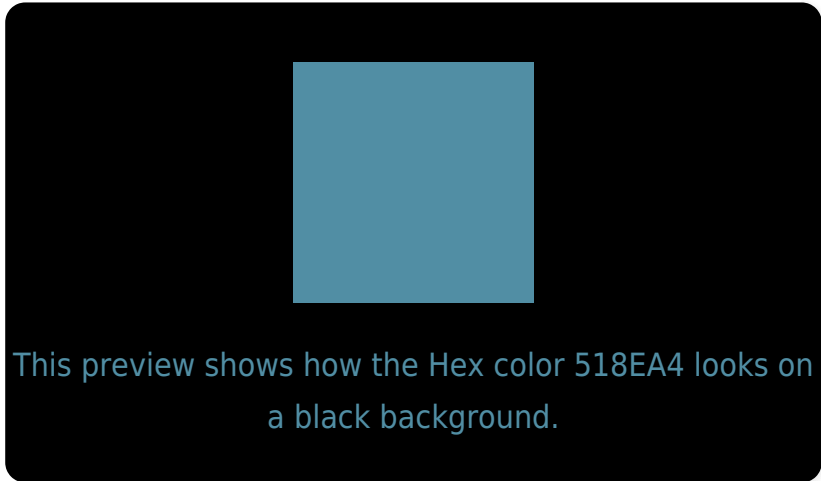
Large Text (above 18pt) WCAG AA ✓ Pass

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

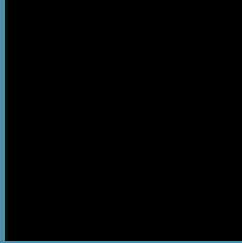
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 518EA4 Background



This preview shows how black text looks on a background with the Hex color 518EA4.

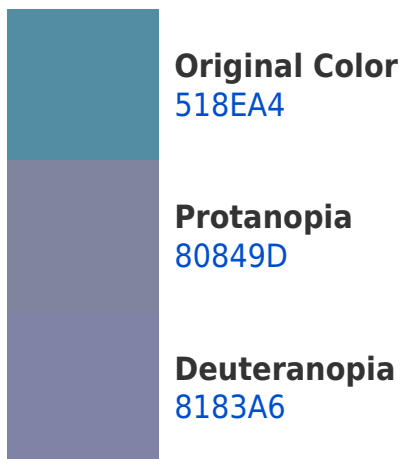


This preview shows how white text looks on a background with the Hex color 518EA4.

# 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](#).

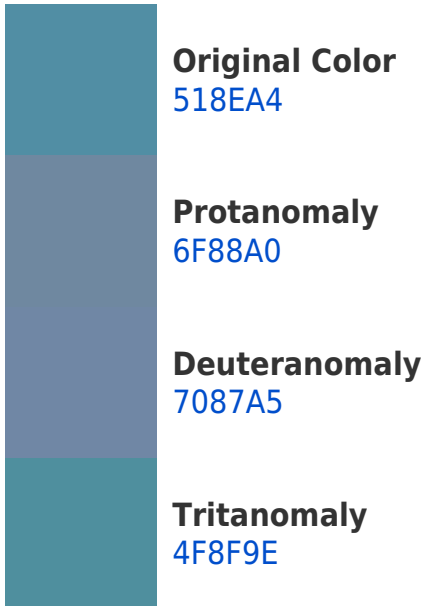
## Dichromacy





**Tritanopia**  
4E8F9B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 518EA4 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 #518EA4 looks like.

```
.text, #text, p{  
    color:#518EA4  
}
```

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 #518EA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #518EA4
}
```

## Border

The CSS property to change the border of an element to Hex 518EA4 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
#518EA4 }
```

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

```
.border{ border-color:#518EA4 }
```

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

Here you see how a box with a 4 pixel #518EA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #518EA4; -webkit-box-shadow:4px 4px  
4px 4px #518EA4; box-shadow:4px 4px 4px  
4px #518EA4 }
```

# Background

The CSS property to change the background color of an element to Hex 518EA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#518EA4 }
```

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

```
.background{ background-color:#518EA4 }
```

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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