

# Converting Colors

Hex(518B84)

Have a look what the booklet for  
Hex(518B84) contains.

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**Color**

**Hex(518B84)**

# Conversions

## Conversions Part 1

Format	Color
Hex	518B84
RGB	81, 139, 132
RGB Percent	32%, 55%, 52%
CMY	0.6824, 0.4549, 0.4824
CMYK	0.42, 0.00, 0.05, 0.45
HSL	173°, 26%, 43%
HSV	173°, 42%, 55%
XYZ	16.7908, 21.8805, 25.1682
YIQ	120.8600, -32.3210, -14.4730

# Conversions

## Conversions Part 2

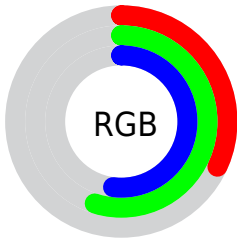
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 112, 139
Decimal	5344132
CIELab	53.90, -20.74, -2.22
CIElCh	54, 20.859, 186.123
Yxy	21.8805, 0.2630, 0.3427
Android (android.graphics.Color)	4283534212 (0xFF518B84)
YUV	120.8600, 5.4920, -34.9572
Hunter-Lab	46.7766, -17.7851, 0.8426

# Details

The Hex color **518B84** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8B5158**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **85C1B9**, and **1C5953** is the 20% darker color. If you saturate the color by 10%, you get **438B82**, and if you desaturate by 10%, it is **5F8B86**.

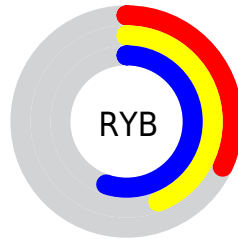
# Distribution



Red (32%)

Green (55%)

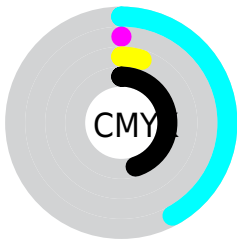
Blue (52%)



Red (32%)

Yellow (44%)

Blue (55%)

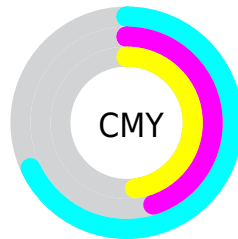


Cyan (42%)

Magenta (0%)

Yellow (5%)

Black (45%)



Cyan (68%)

Magenta (45%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 518B84 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 518B84 by changing the saturation by 10% instead.





518B84



518B84

FFFFFF



37716B



85C1B9



1C5953



A1DDD5



00413C



BCF9F1



002B26



D9FFFF



001711



F6FFFF



000000



518B84



518B84



438B82



5F8B86



358B81



6D8B87

■ 278B7F

■ 7B8B89

■ 198B7D

■ 898B8B

■ 0B8B7C

■ 968B8C

■ 008B7A

■ A48B8E

■ B28B90

■ C08B91

■ CE8B93

# Harmonies

## Analogous

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



628A72



518B84



4C8A95

# Triad

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



518B84



887B9E



9A7B60

# Complementary

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



518B84



8B5158

# 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.



A4766C



518B84



9B7690

# Square

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



518B84



7081A4



A5747E



8A815D

# Rectangle

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



518B84



52889E



A5747E



9E7964



# Sweetspot

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



518B84



9EB5B2



598B51



4D5C5A



DBDBDB



5C5C5C



# Same Dimension

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



518B84



5BB5AA



51768B



3E4544



008575



000504



# Inverse Universe

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



8B5158



B55B65



8B6651



453E3F



850010



050001



# Previews

## White Background



This preview shows how the Hex color 518B84 looks on a white background.

## Color Contrast Check

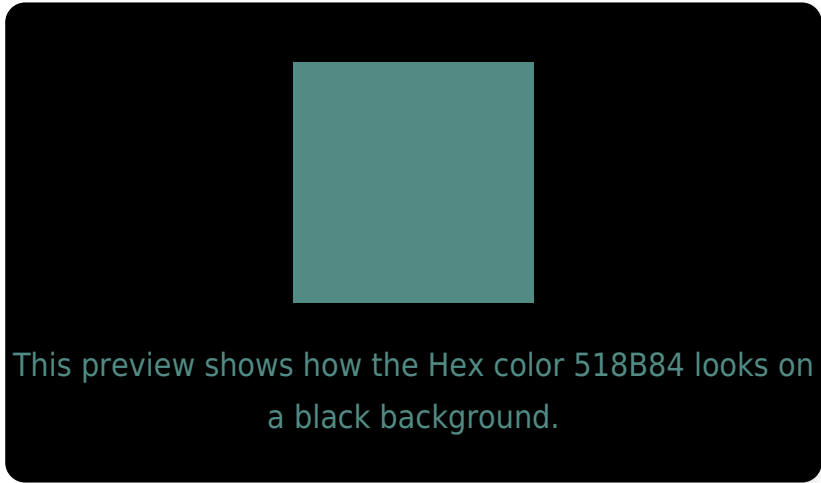
Large Text (above 18pt) WCAG AA ✓ Pass

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

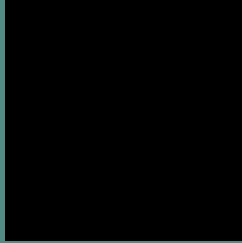
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 518B84 Background



This preview shows how black text looks on a background with the Hex color 518B84.

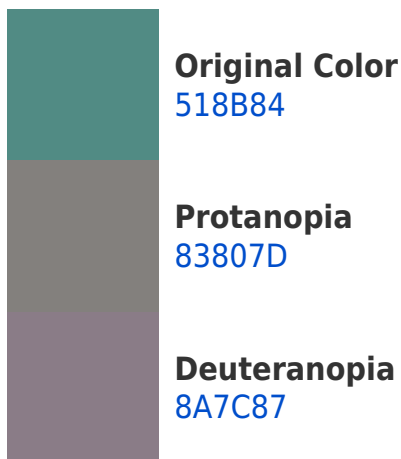


This preview shows how white text looks on a background with the Hex color 518B84.

# 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



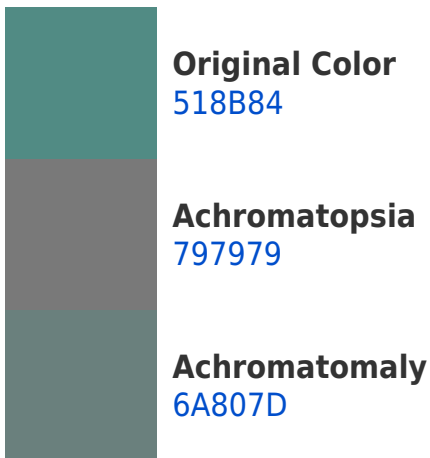


**Tritanopia**  
558994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 518B84 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 #518B84 looks like.

```
.text, #text, p{  
    color:#518B84  
}
```

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 #518B84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #518B84
}
```

## Border

The CSS property to change the border of an element to Hex 518B84 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
#518B84 }
```

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

```
.border{ border-color:#518B84 }
```

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

Here you see how a box with a 4 pixel #518B84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #518B84; -webkit-box-shadow:4px 4px  
4px 4px #518B84; box-shadow:4px 4px 4px  
4px #518B84 }
```

# Background

The CSS property to change the background color of an element to Hex 518B84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#518B84 }
```

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

```
.background{ background-color:#518B84 }
```

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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