

# Converting Colors

Hex(65999B)

Have a look what the booklet for  
Hex(65999B) contains.

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# Color

**Hex(65999B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65999B
RGB	101, 153, 155
RGB Percent	40%, 60%, 61%
CMY	0.6039, 0.4000, 0.3922
CMYK	0.35, 0.01, 0.00, 0.39
HSL	182°, 21%, 50%
HSV	182°, 35%, 61%
XYZ	22.6745, 27.9157, 35.2035
YIQ	137.6800, -31.6340, -10.4020

# Conversions

## Conversions Part 2

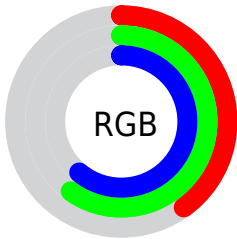
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 127, 155
Decimal	6658459
CIE <sub>Lab</sub>	59.81, -16.68, -6.56
CIE <sub>LCh</sub>	60, 17.920, 201.465
Yxy	27.9157, 0.2643, 0.3254
Android (android.graphics.Color)	4284848539 (0xFF65999B)
YUV	137.6800, 8.5388, -32.1684
Hunter-Lab	52.8353, -15.8580, -2.5195

# Details

The Hex color **65999B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9B6765**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **9ACFD1**, and **326668** is the 20% darker color. If you saturate the color by 10%, you get **56989B**, and if you desaturate by 10%, it is **759A9B**.

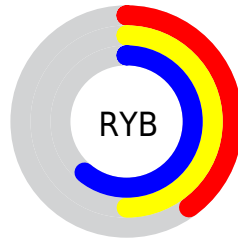
# Distribution



Red (40%)

Green (60%)

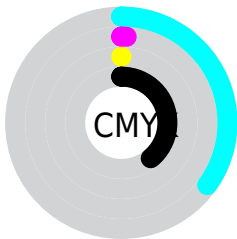
Blue (61%)



Red (40%)

Yellow (50%)

Blue (61%)

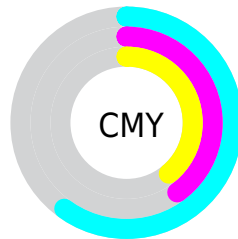


Cyan (35%)

Magenta (1%)

Yellow (0%)

Black (39%)



Cyan (60%)

Magenta (40%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65999B 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 65999B by changing the saturation by 10% instead.



 65999B

 65999B

FFFFFF

 4B7F81

 9ACFD1

 326668

 B6ECEE

 174E50

 D2FFFF

 003739

 EFFFFFF

 002124

 00010F

 000000

 65999B

 65999B

 56989B

 759A9B

46989B

849A9B

36979B

939B9B

27979B

A39B9B

17969B

B39C9B

08969B

C29C9B

00959B

D19D9B

E19E9B

F19E9B

# Harmonies

## Analogous

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



6E998B



65999B



6897A8

# Triad

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



65999B



A088A4



A18D71

# Complementary

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



65999B



9B6765

# 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.



AC8978



65999B



AD8595

# Square

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



65999B



8D8EAD



B18585



909373

# Rectangle

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



65999B



7294AE



B18585



A58C73



# Sweetspot

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



65999B



B5C9C9



659B67



5A6666



E6E6E6



666666



# Same Dimension

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



65999B



75C6C9



657E9B



454C4D



00878C



000C0D



# Inverse Universe

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



9B6599



C975C6



9B8265



4D454C



8C0087



0D000C



# Previews

## White Background



This preview shows how the Hex color 65999B looks on a white background.

## Color Contrast Check

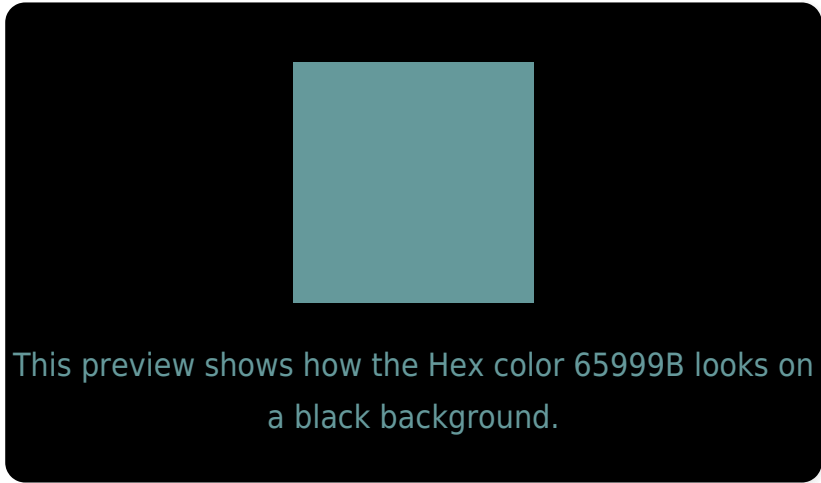
Large Text (above 18pt) WCAG AA ✓ Pass

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

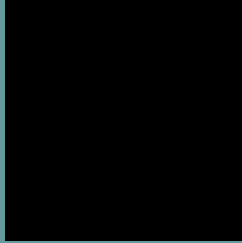
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 65999B Background



This preview shows how black text looks on a background with the Hex color 65999B.

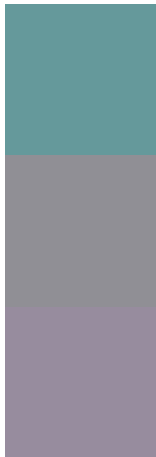


This preview shows how white text looks on a background with the Hex color 65999B.

# 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**  
65999B

**Protanopia**  
908F95

**Deuteranopia**  
978C9E

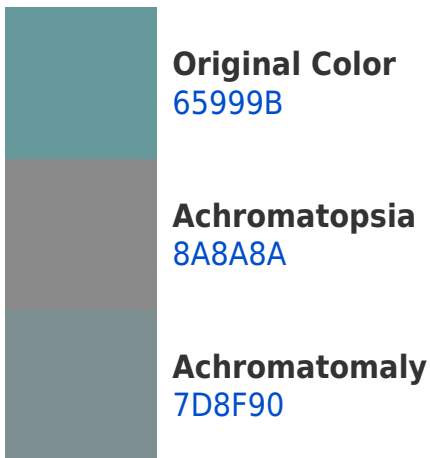


**Tritanopia**  
6798A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65999B 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 #65999B looks like.

```
.text, #text, p{  
    color:#65999B  
}
```

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 #65999B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65999B
}
```

## Border

The CSS property to change the border of an element to Hex 65999B 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
#65999B }
```

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

```
.border{ border-color:#65999B }
```

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

Here you see how a box with a 4 pixel #65999B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65999B; -webkit-box-shadow:4px 4px  
4px 4px #65999B; box-shadow:4px 4px 4px  
4px #65999B }
```

# Background

The CSS property to change the background color of an element to Hex 65999B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65999B }
```

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

```
.background{ background-color:#65999B }
```

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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