

# Converting Colors

Hex(599D9D)

Have a look what the booklet for  
Hex(599D9D) contains.

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# Color

Hex(599D9D)

# Conversions

## Conversions Part 1

Format	Color
Hex	599D9D
RGB	89, 157, 157
RGB Percent	35%, 62%, 62%
CMY	0.6510, 0.3843, 0.3843
CMYK	0.43, 0.00, 0.00, 0.38
HSL	180°, 28%, 48%
HSV	180°, 43%, 62%
XYZ	22.2626, 28.6721, 36.2592
YIQ	136.6680, -40.5280, -14.4160

# Conversions

## Conversions Part 2

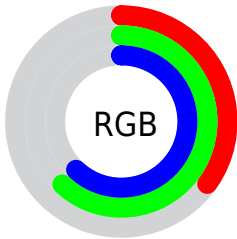
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 123, 157
Decimal	5873053
CIELab	60.49, -21.49, -6.75
CIELCh	60, 22.525, 197.427
Yxy	28.6721, 0.2553, 0.3288
Android (android.graphics.Color)	4284063133 (0xFF599D9D)
YUV	136.6680, 10.0237, -41.8048
Hunter-Lab	53.5463, -19.4924, -2.6661

# Details

The Hex color **599D9D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9D5959**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **8FD4D3**, and **21696A** is the 20% darker color. If you saturate the color by 10%, you get **499D9D**, and if you desaturate by 10%, it is **699D9D**.

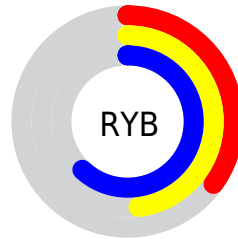
# Distribution



Red (35%)

Green (62%)

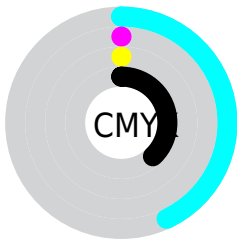
Blue (62%)



Red (35%)

Yellow (48%)

Blue (62%)

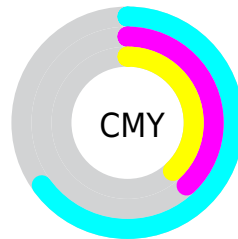


Cyan (43%)

Magenta (0%)

Yellow (0%)

Black (38%)



Cyan (65%)

Magenta (38%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 599D9D 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 599D9D by changing the saturation by 10% instead.



■ 599D9D

■ 599D9D

FFFFFF

■ 3E8383

■ 8FD4D3

■ 21696A

■ ABF0F0

■ 005152

■ C7FFFF

■ 003A3B

■ E4FFFF

■ 002425

■ 000411

■ 000000

■ 599D9D

■ 599D9D

■ 499D9D

■ 699D9D

■ 3A9D9D

■ 789D9D

■ 2A9D9D

■ 889D9D

■ 1A9D9D

■ 989D9D

■ 0A9D9D

■ A89D9D

■ 009D9D

■ B79D9D

■ C79D9D

■ D79D9D

■ E69D9D

# Harmonies

## Analogous

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



689C89



599D9D



5A9BAE

# Triad

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



599D9D



A389AD



A88E6B

# Complementary

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



599D9D



9D5959

# 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.



B68775



599D9D



B4849B

# Square

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



599D9D



8A90B8



BA8487



94946C

# Rectangle

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



599D9D



6698B6



BA8487



AE8B6E



# Sweetspot

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



599D9D



B1CCCC



599D59



566666



E6E6E6



666666



# Same Dimension

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



599D9D



62CCCC



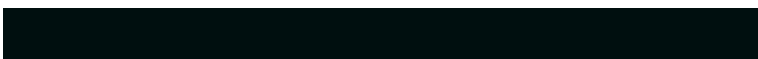
597B9D



474F4F



008F8F



000F0F



# Inverse Universe

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



9D599D



CC62CC



9D7B59



4F474F



8F008F

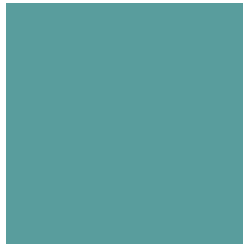


0F000F



# Previews

## White Background



This preview shows how the Hex color 599D9D looks on a white background.

## Color Contrast Check

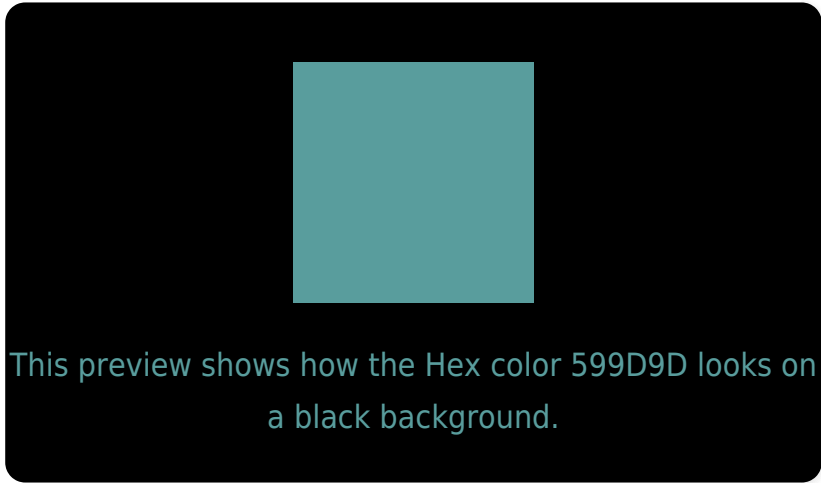
Large Text (above 18pt) WCAG AA ✓ Pass

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

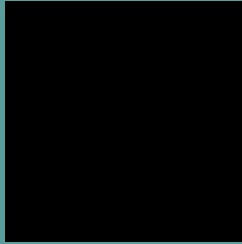
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 599D9D Background



This preview shows how black text looks on a background with the Hex color 599D9D.

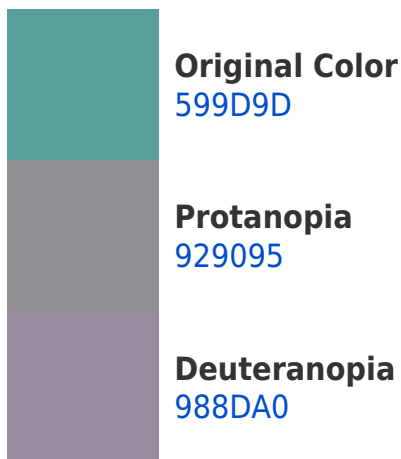


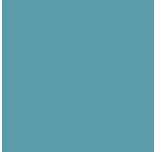
This preview shows how white text looks on a background with the Hex color 599D9D.

# 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



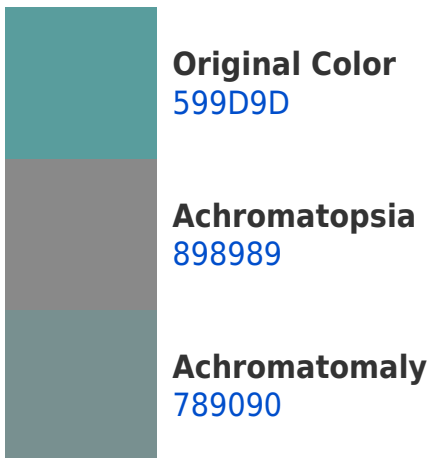


**Tritanopia**  
5C9BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 599D9D 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 #599D9D looks like.

```
.text, #text, p{  
    color:#599D9D  
}
```

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 #599D9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #599D9D
}
```

## Border

The CSS property to change the border of an element to Hex 599D9D 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
#599D9D }
```

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

```
.border{ border-color:#599D9D }
```

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

Here you see how a box with a 4 pixel #599D9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #599D9D; -webkit-box-shadow:4px 4px  
4px 4px #599D9D; box-shadow:4px 4px 4px  
4px #599D9D }
```

# Background

The CSS property to change the background color of an element to Hex 599D9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#599D9D }
```

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

```
.background{ background-color:#599D9D }
```

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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