

# Converting Colors

Hex(5D8795)

Have a look what the booklet for  
Hex(5D8795) contains.

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# Color

**Hex(5D8795)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D8795
RGB	93, 135, 149
RGB Percent	36%, 53%, 58%
CMY	0.6353, 0.4706, 0.4157
CMYK	0.38, 0.09, 0.00, 0.42
HSL	195°, 23%, 47%
HSV	195°, 38%, 58%
XYZ	18.6030, 21.8250, 31.6659
YIQ	124.0380, -29.5260, -4.5500

# Conversions

## Conversions Part 2

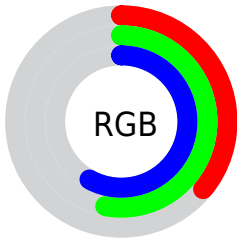
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	93, 117, 149
Decimal	6129557
CIE Lab	53.84, -10.74, -12.09
CIE LCh	54, 16.170, 228.402
Yxy	21.8250, 0.2580, 0.3027
Android (android.graphics.Color)	4284319637 (0xFF5D8795)
YUV	124.0380, 12.3063, -27.2203
Hunter-Lab	46.7173, -10.6758, -7.4859

# Details

The Hex color **5D8795** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **956B5D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **91BCCB**, and **2A5562** is the 20% darker color. If you saturate the color by 10%, you get **4E8395**, and if you desaturate by 10%, it is **6C8B95**.

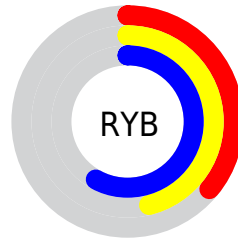
# Distribution



Red (36%)

Green (53%)

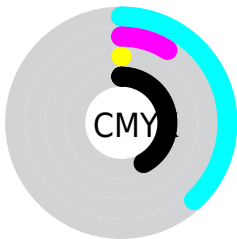
Blue (58%)



Red (36%)

Yellow (46%)

Blue (58%)

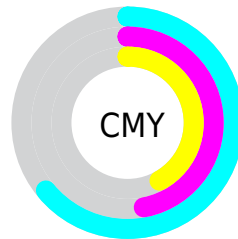


Cyan (38%)

Magenta (9%)

Yellow (0%)

Black (42%)



Cyan (64%)

Magenta (47%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D8795 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 5D8795 by changing the saturation by 10% instead.



■ 5D8795

■ 5D8795

FFFFFF

■ 446E7B

■ 91BCCB

■ 2A5562

■ ADD8E7

■ 0F3E4A

■ C9F5FF

■ 002834

■ E5FFFF

■ 00141F

■ 000004

■ 000000

■ 5D8795

■ 5D8795

■ 4E8395

■ 6C8B95

■ 3F8095

■ 7B8E95

■ 307C95

■ 8A9295

■ 217895

■ 999695

■ 127495

■ A89A95

■ 047195

■ B69D95

■ 007095

■ C5A195

■ D4A595

■ E3A995

# Harmonies

## Analogous

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



5B8989



5D8795



6A849C

# Triad

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



5D8795



997787



828266

# Complementary

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



5D8795



956B5D

# 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.



917E66



5D8795



9E7778

# Square

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



5D8795



8D7A93



9A7A6C



72866E

# Rectangle

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



5D8795



76819C



9A7A6C



878165



# Sweetspot

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



5D8795



ACBCC2



5D956B



545E61



E0E0E0



616161



# Same Dimension

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



5D8795



6BACC2



5D6B95



43484A



00678A



00080A



# Inverse Universe

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



955D87



C26BAC



95875D



4A4348



8A0067



0A0008



# Previews

## White Background



This preview shows how the Hex color 5D8795 looks on a white background.

## Color Contrast Check

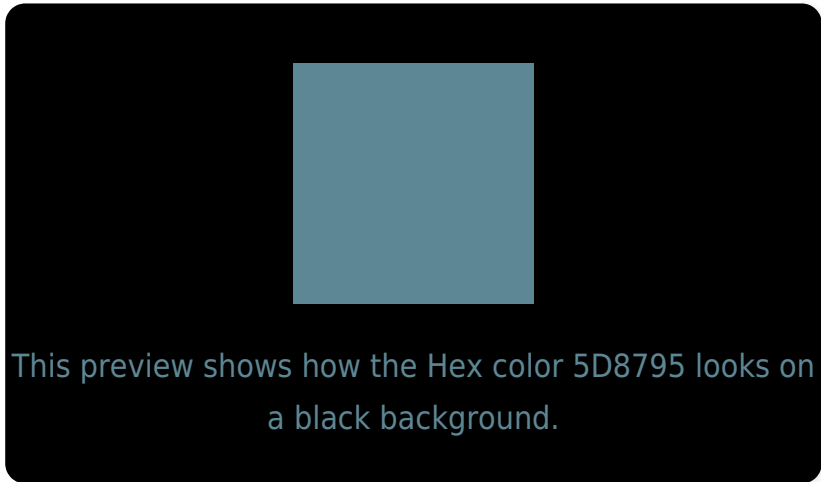
Large Text (above 18pt) WCAG AA ✓ Pass

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

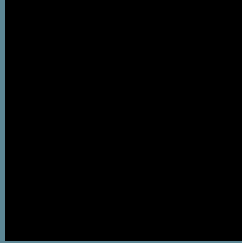
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5D8795 Background



This preview shows how black text looks on a background with the Hex color 5D8795.

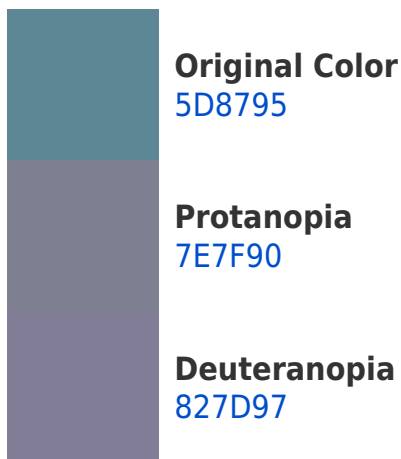


This preview shows how white text looks on a background with the Hex color 5D8795.

# 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](#).

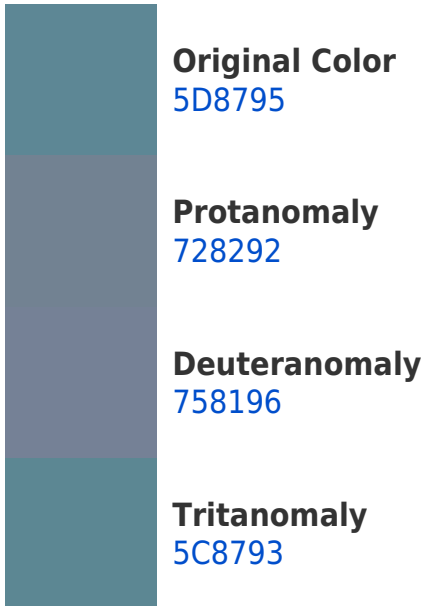
## Dichromacy





**Tritanopia**  
5C8792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D8795 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 #5D8795 looks like.

```
.text, #text, p{  
    color:#5D8795  
}
```

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 #5D8795 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D8795
}
```

## Border

The CSS property to change the border of an element to Hex 5D8795 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
#5D8795 }
```

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

```
.border{ border-color:#5D8795 }
```

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

Here you see how a box with a 4 pixel #5D8795 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D8795; -webkit-box-shadow:4px 4px  
4px 4px #5D8795; box-shadow:4px 4px 4px  
4px #5D8795 }
```

# Background

The CSS property to change the background color of an element to Hex 5D8795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D8795 }
```

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

```
.background{ background-color:#5D8795 }
```

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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