

# Converting Colors

Hex(5DA798)

Have a look what the booklet for  
Hex(5DA798) contains.

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**Color**

**Hex(5DA798)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DA798
RGB	93, 167, 152
RGB Percent	36%, 65%, 60%
CMY	0.6353, 0.3451, 0.4039
CMYK	0.44, 0.00, 0.09, 0.35
HSL	168°, 30%, 51%
HSV	168°, 44%, 65%
XYZ	24.0004, 32.2316, 34.6621
YIQ	143.1640, -39.2890, -20.3530

# Conversions

## Conversions Part 2

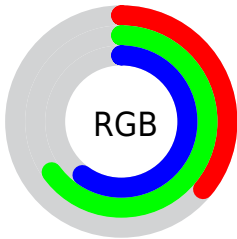
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 134, 167
Decimal	6137752
CIELab	63.53, -26.79, 0.57
CIElCh	64, 26.793, 178.790
Yxy	32.2316, 0.2640, 0.3546
Android (android.graphics.Color)	4284327832 (0xFF5DA798)
YUV	143.1640, 4.3561, -43.9938
Hunter-Lab	56.7729, -23.8926, 3.5421

# Details

The Hex color **5DA798** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A75D6C**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **93DECE**, and **267365** is the 20% darker color. If you saturate the color by 10%, you get **4CA795**, and if you desaturate by 10%, it is **6EA79B**.

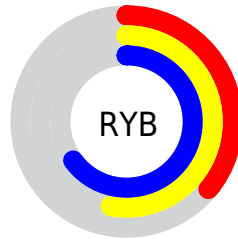
# Distribution



Red (36%)

Green (65%)

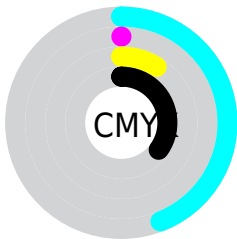
Blue (60%)



Red (36%)

Yellow (53%)

Blue (65%)

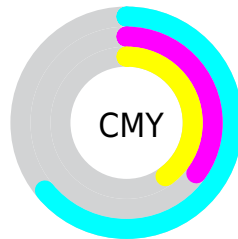


Cyan (44%)

Magenta (0%)

Yellow (9%)

Black (35%)



Cyan (64%)

Magenta (35%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DA798 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 5DA798 by changing the saturation by 10% instead.



 5DA798

 5DA798

FFFFFF

 428C7E

 93DECE

 267365

 AFFBEA

 005A4D

 CBFFFF

 004237

 E8FFFF

 002B21

 00150B

 000000

 5DA798

 5DA798

 4CA795

 6EA79B

■ 3CA791

■ 7EA79F

■ 2BA78E

■ 8FA7A2

■ 1AA78A

■ A0A7A6

■ 09A787

■ B0A7A9

■ 00A785

■ C1A7AC

■ D2A7B0

■ E3A7B3

■ F3A7B6

# Harmonies

## Analogous

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



77A580



5DA798



4FA6B0

# Triad

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



5DA798



9C94C4



BF9072

# Complementary

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



5DA798



A75D6C

# 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.



C98A84



5DA798



B78CB3

# Square

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



5DA798



7A9CC9



C7889C



AC986A

# Rectangle

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



5DA798



54A4BD



C7889C



C48E77



# Sweetspot

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



5DA798



BDD9D3



6DA75D



5C6E6A



EDEDED



6E6E6E



# Same Dimension

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



5DA798



66D9C1



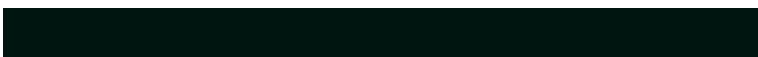
5D92A7



4C5452



009476



001410



# Inverse Universe

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



A75D6C



D9667D



A7725D



544C4D



94001E

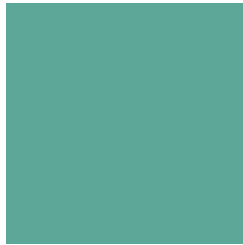


140004



# Previews

## White Background



This preview shows how the Hex color 5DA798 looks on a white background.

## Color Contrast Check

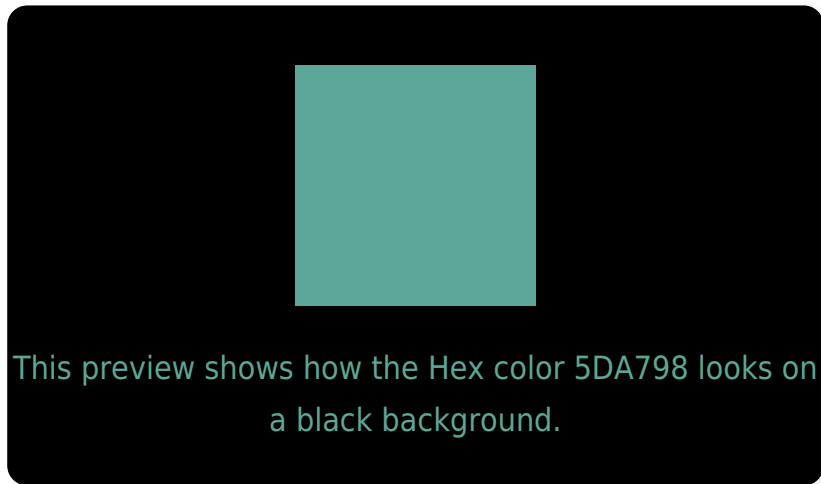
Large Text (above 18pt) WCAG AA × Fail

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

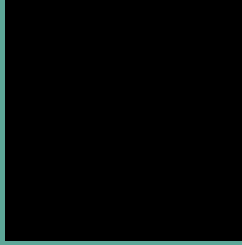
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5DA798 Background



This preview shows how black text looks on a background with the Hex color 5DA798.

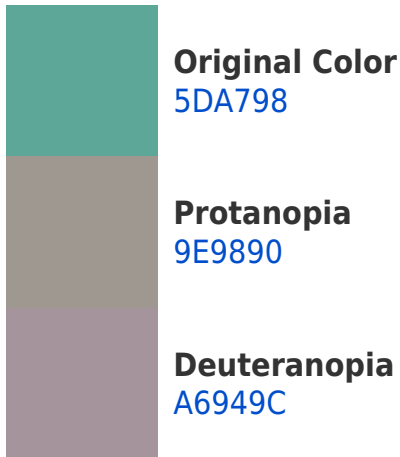


This preview shows how white text looks on a background with the Hex color 5DA798.

# 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**  
64A3B1

# Trichromacy



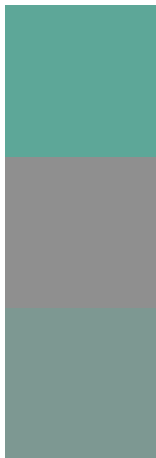
**Original Color**  
5DA798

**Protanomaly**  
869D93

**Deuteranomaly**  
8B9B9B

**Tritanomaly**  
61A4A8

# Monochromacy



**Original Color**  
5DA798

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
7D9892

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DA798 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 #5DA798 looks like.

```
.text, #text, p{  
    color:#5DA798  
}
```

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 #5DA798 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA798
}
```

## Border

The CSS property to change the border of an element to Hex 5DA798 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
#5DA798 }
```

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

```
.border{ border-color:#5DA798 }
```

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

Here you see how a box with a 4 pixel #5DA798 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA798; -webkit-box-shadow:4px 4px  
4px 4px #5DA798; box-shadow:4px 4px 4px  
4px #5DA798 }
```

# Background

The CSS property to change the background color of an element to Hex 5DA798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA798 }
```

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

```
.background{ background-color:#5DA798 }
```

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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