

# Converting Colors

Hex(5DA791)

Have a look what the booklet for  
Hex(5DA791) contains.

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**Color**

**Hex(5DA791)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DA791
RGB	93, 167, 145
RGB Percent	36%, 65%, 57%
CMY	0.6353, 0.3451, 0.4314
CMYK	0.44, 0.00, 0.13, 0.35
HSL	162°, 30%, 51%
HSV	162°, 44%, 65%
XYZ	23.4438, 32.0089, 31.7308
YIQ	142.3660, -37.0420, -22.5300

# Conversions

## Conversions Part 2

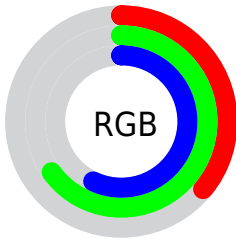
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 136, 167
Decimal	6137745
CIELab	63.35, -28.46, 4.21
CIElCh	63, 28.768, 171.579
Yxy	32.0089, 0.2689, 0.3671
Android (android.graphics.Color)	4284327825 (0xFF5DA791)
YUV	142.3660, 1.2986, -43.2940
Hunter-Lab	56.5764, -25.0431, 6.3508

# Details

The Hex color **5DA791** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A75D73**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **93DEC7**, and **26735F** is the 20% darker color. If you saturate the color by 10%, you get **4CA78C**, and if you desaturate by 10%, it is **6EA796**.

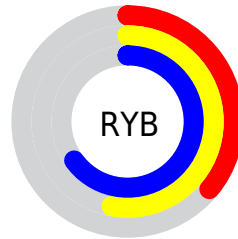
# Distribution



Red (36%)

Green (65%)

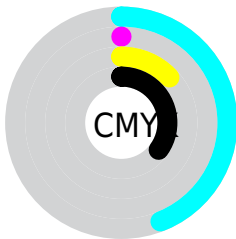
Blue (57%)



Red (36%)

Yellow (53%)

Blue (65%)

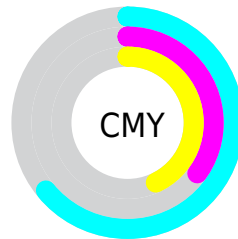


Cyan (44%)

Magenta (0%)

Yellow (13%)

Black (35%)



Cyan (64%)

Magenta (35%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DA791 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 5DA791 by changing the saturation by 10% instead.



 5DA791

 5DA791

FFFFFF

 428C77

 93DEC7

 26735F

 AFFBE3

 005A47

 CBFFFF

 004231

 E8FFFF

 002B1C

 001401

 000000

 5DA791

 5DA791

 4CA78C

 6EA796

■ 3CA787

■ 7EA79B

■ 2BA782

■ 8FA7A0

■ 1AA77D

■ A0A7A5

■ 09A778

■ B0A7AA

■ 00A775

■ C1A7AF

■ D2A7B4

■ E3A7B9

■ F3A7BE

# Harmonies

## Analogous

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



7BA479



5DA791



47A7AB

# Triad

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



5DA791



9395C9



C58D72

# Complementary

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



5DA791



A75D73

# 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.



CD8788



5DA791



B38DB9

# Square

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



5DA791



6D9ECB



C787A2



B29567

# Rectangle

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



5DA791



46A6BA



C787A2



C98A79



# Sweetspot

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



5DA791



BDD9D0



73A75D



5C6E68



EDEDED



6E6E6E



# Same Dimension

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



5DA791



66D9B7



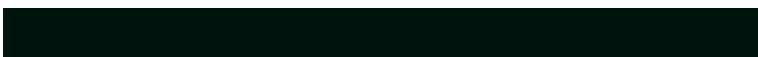
5D98A7



4C5452



009468



00140E



# Inverse Universe

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



A75D73



D96688



A76C5D



544C4E



94002C

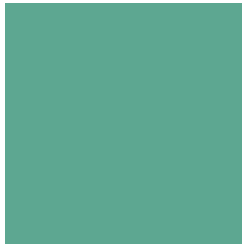


140006



# Previews

## White Background



This preview shows how the Hex color 5DA791 looks on a white background.

## Color Contrast Check

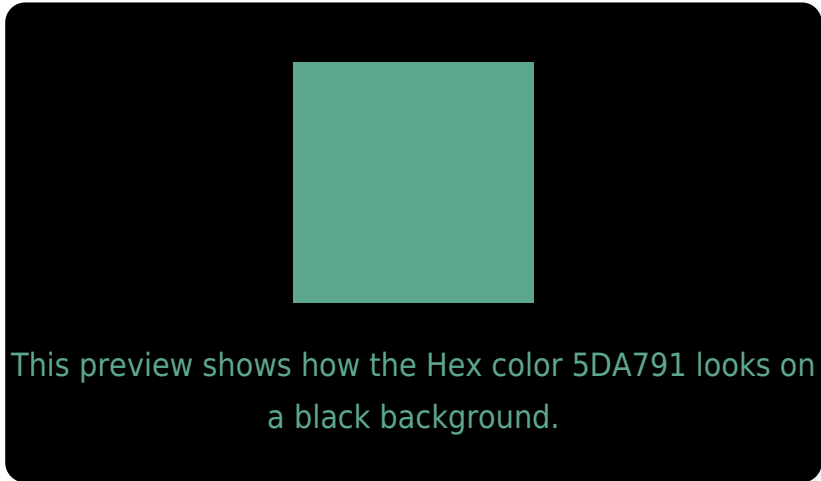
Large Text (above 18pt) WCAG AA × Fail

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

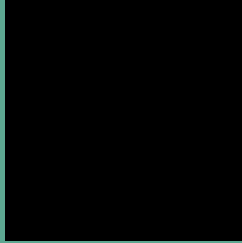
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5DA791 Background



This preview shows how black text looks on a background with the Hex color 5DA791.



This preview shows how white text looks on a background with the Hex color 5DA791.

# 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](#).

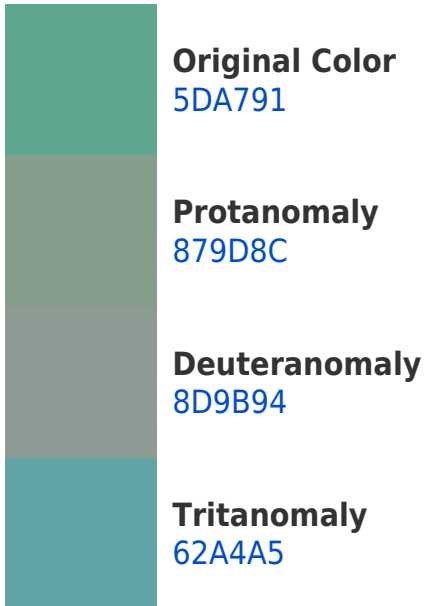
## Dichromacy



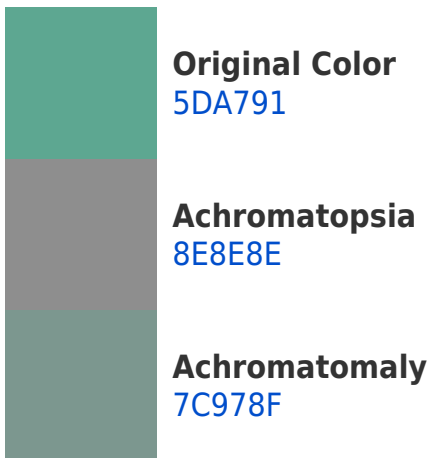


**Tritanopia**  
65A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DA791 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 #5DA791 looks like.

```
.text, #text, p{  
    color:#5DA791  
}
```

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 #5DA791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA791
}
```

## Border

The CSS property to change the border of an element to Hex 5DA791 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
#5DA791 }
```

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

```
.border{ border-color:#5DA791 }
```

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

Here you see how a box with a 4 pixel #5DA791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA791; -webkit-box-shadow:4px 4px  
4px 4px #5DA791; box-shadow:4px 4px 4px  
4px #5DA791 }
```

# Background

The CSS property to change the background color of an element to Hex 5DA791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA791 }
```

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

```
.background{ background-color:#5DA791 }
```

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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