

# Converting Colors

Hex(5DB29D)

Have a look what the booklet for  
Hex(5DB29D) contains.

<b>Hex(5DB29D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(5DB29D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DB29D
RGB	93, 178, 157
RGB Percent	36%, 70%, 62%
CMY	0.6353, 0.3020, 0.3843
CMYK	0.48, 0.00, 0.12, 0.30
HSL	165°, 36%, 53%
HSV	165°, 48%, 70%
XYZ	26.5204, 36.6023, 37.5655
YIQ	150.1910, -43.9190, -24.5510

# Conversions

## Conversions Part 2

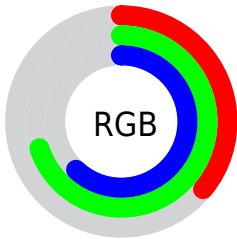
Format	Color
<a href="#">RYB</a>	<a href="#">93, 141, 178</a>
Decimal	<a href="#">6140573</a>
CIELab	<a href="#">66.98, -30.94, 2.79</a>
CIELCh	<a href="#">67, 31.061, 174.843</a>
Yxy	<a href="#">36.6023, 0.2634, 0.3635</a>
Android (android.graphics.Color)	<a href="#">4284330653 (0xFF5DB29D)</a>
YUV	<a href="#">150.1910, 3.3568, -50.1565</a>
Hunter-Lab	<a href="#">60.4998, -27.6283, 5.5356</a>

# Details

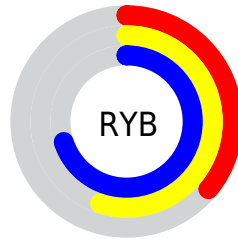
The Hex color **5DB29D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B25D72**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **94EAD3**, and **237D6A** is the 20% darker color. If you saturate the color by 10%, you get **4BB299**, and if you desaturate by 10%, it is **6FB2A1**.

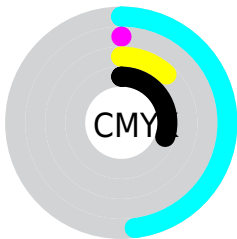
# Distribution



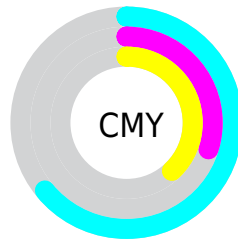
- Red (36%)
- Green (70%)
- Blue (62%)



- Red (36%)
- Yellow (55%)
- Blue (70%)



- Cyan (48%)
- Magenta (0%)
- Yellow (12%)
- Black (30%)



- Cyan (64%)
- Magenta (30%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DB29D 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 5DB29D by changing the saturation by 10% instead.



 5DB29D

 5DB29D

FFFFFF

 419783

 94EAD3

 237D6A

 B0FFF0

 006352

 CDFFFF

 004B3B

 EAFFFF

 003425

 002010

 000000


 5DB29D

 5DB29D

 4BB299

 6FB2A1

 39B294

 81B2A6

 28B290

 92B2AA

 16B28B

 A4B2AF

 04B287

 B6B2B3

 00B286

 C8B2B7

 DAB2BC

 EBB2C0

 FDB2C5

# Harmonies

## Analogous

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



7EAF82



5DB29D



46B2B9

# Triad

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



5DB29D



A09ED6



D09676

# Complementary

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



5DB29D



B25D72

# 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.



DA8F8D



5DB29D



C294C4

# Square

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



5DB29D



76A7DA



D68EA9



BBA06B

# Rectangle

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



5DB29D



48B0C9



D68EA9



D5937D



# Sweetspot

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



5DB29D



C8E8E0



72B25D



617570



F5F5F5



757575



# Same Dimension

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



5DB29D



64E8C7



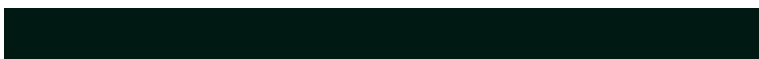
5D9DB2



505957



009973



001A13



# Inverse Universe

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



B25D72



E86484



B2725D



595053



990026

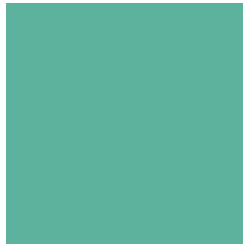


1A0006



# Previews

## White Background



This preview shows how the Hex color 5DB29D looks on a white background.

## Color Contrast Check

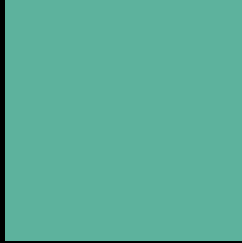
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 5DB29D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

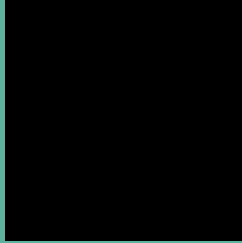
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5DB29D Background



This preview shows how black text looks on a background with the Hex color 5DB29D.

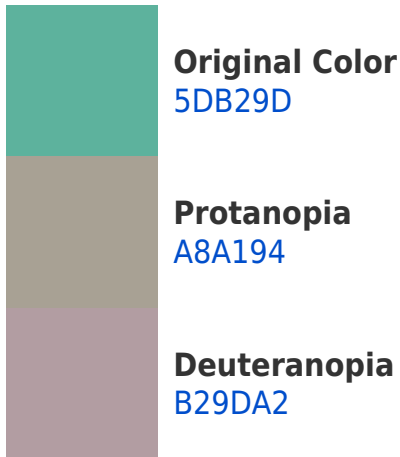


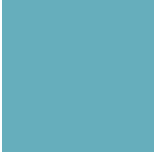
This preview shows how white text looks on a background with the Hex color 5DB29D.

# 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](#).

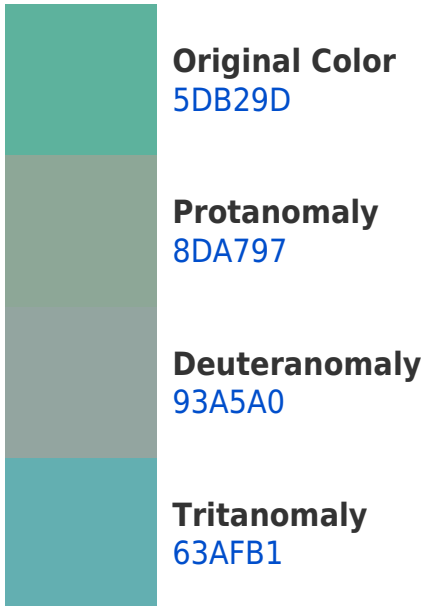
## Dichromacy





**Tritanopia**  
66AEBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DB29D 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 #5DB29D looks like.

```
.text, #text, p{  
    color:#5DB29D  
}
```

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 #5DB29D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DB29D
}
```

## Border

The CSS property to change the border of an element to Hex 5DB29D 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
#5DB29D }
```

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

```
.border{ border-color:#5DB29D }
```

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

Here you see how a box with a 4 pixel #5DB29D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DB29D; -webkit-box-shadow:4px 4px  
4px 4px #5DB29D; box-shadow:4px 4px 4px  
4px #5DB29D }
```

# Background

The CSS property to change the background color of an element to Hex 5DB29D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DB29D }
```

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

```
.background{ background-color:#5DB29D }
```

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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