

# Converting Colors

Hex(5AA291)

Have a look what the booklet for  
Hex(5AA291) contains.

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**Color**

**Hex(5AA291)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AA291
RGB	90, 162, 145
RGB Percent	35%, 64%, 57%
CMY	0.6471, 0.3647, 0.4314
CMYK	0.44, 0.00, 0.10, 0.36
HSL	166°, 29%, 49%
HSV	166°, 44%, 64%
XYZ	22.2476, 30.0587, 31.4174
YIQ	138.5340, -37.4550, -20.5510

# Conversions

## Conversions Part 2

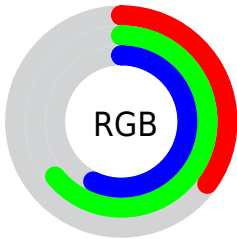
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 131, 162
Decimal	5939857
CIELab	61.70, -26.79, 1.81
CIElCh	62, 26.853, 176.127
Yxy	30.0587, 0.2657, 0.3590
Android (android.graphics.Color)	4284129937 (0xFF5AA291)
YUV	138.5340, 3.1877, -42.5643
Hunter-Lab	54.8258, -23.5120, 4.4025

# Details

The Hex color **5AA291** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A25A6B**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **90D9C7**, and **236E5F** is the 20% darker color. If you saturate the color by 10%, you get **4AA28D**, and if you desaturate by 10%, it is **6AA295**.

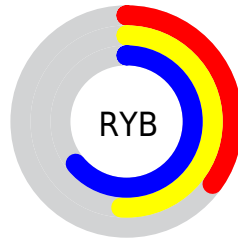
# Distribution



Red (35%)

Green (64%)

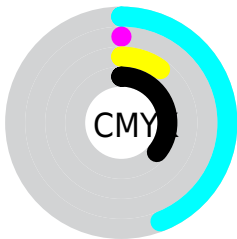
Blue (57%)



Red (35%)

Yellow (51%)

Blue (64%)

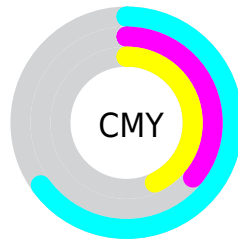


Cyan (44%)

Magenta (0%)

Yellow (10%)

Black (36%)



Cyan (65%)

Magenta (36%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5AA291 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 5AA291 by changing the saturation by 10% instead.



 5AA291

 5AA291

FFFFFF

 3F8877

 90D9C7

 236E5F

 ACF6E3

 005547

 C8FFFF

 003E31

 E5FFFF

 00271C

 000C01

 000000

 5AA291

 5AA291

 4AA28D

 6AA295

■ 3AA289

■ 7AA299

■ 29A286

■ 8BA29C

■ 19A282

■ 9BA2A0

■ 09A27E

■ ABA2A4

■ 00A27C

■ BBA2A8

■ CBA2AC

■ DCA2B0

■ ECA2B3

# Harmonies

## Analogous

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



759F7A



5AA291



4AA2A9

# Triad

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



5AA291



9490C0



BB8A6E

# Complementary

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



5AA291



A25A6B

# 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.



C48581



5AA291



B188B0

# Square

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



5AA291



7298C4



C18499



A99266

# Rectangle

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



5AA291



4CA0B7



C18499



C08874



# Sweetspot

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



5AA291



B8D4CD



6CA25A



5A6B67



EBEBEB



6B6B6B



# Same Dimension

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



5AA291



63D4B9



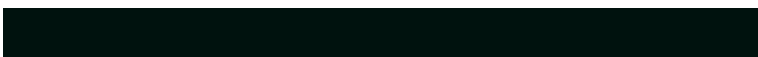
5A90A2



495250



00916F



00120E



# Inverse Universe

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



A25A6B



D4637E



A26C5A



52494B



910022

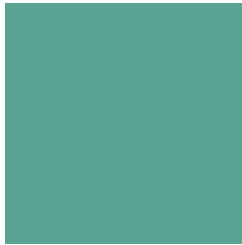


120004



# Previews

## White Background



This preview shows how the Hex color 5AA291 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

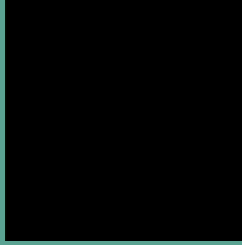
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5AA291 Background



This preview shows how black text looks on a background with the Hex color 5AA291.

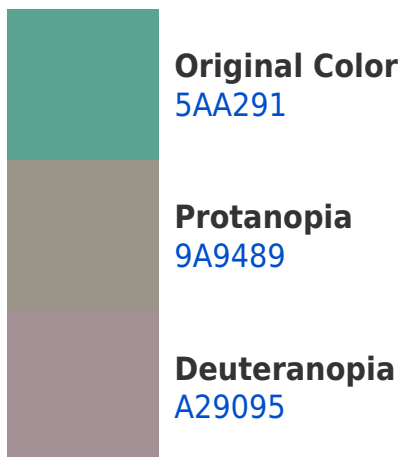


This preview shows how white text looks on a background with the Hex color 5AA291.

# 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](#).

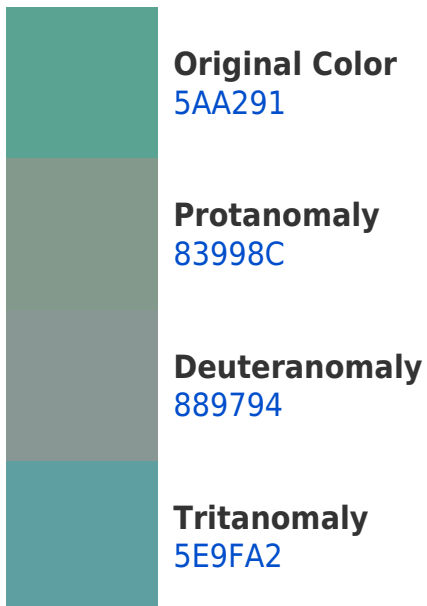
## Dichromacy



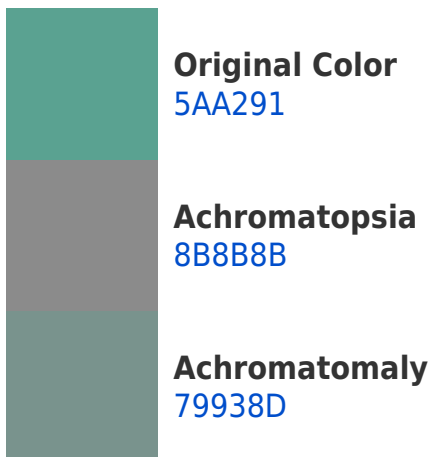


**Tritanopia**  
619EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5AA291 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 #5AA291 looks like.

```
.text, #text, p{  
    color:#5AA291  
}
```

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 #5AA291 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AA291
}
```

## Border

The CSS property to change the border of an element to Hex 5AA291 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
#5AA291 }
```

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

```
.border{ border-color:#5AA291 }
```

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

Here you see how a box with a 4 pixel #5AA291 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AA291; -webkit-box-shadow:4px 4px  
4px 4px #5AA291; box-shadow:4px 4px 4px  
4px #5AA291 }
```

# Background

The CSS property to change the background color of an element to Hex 5AA291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AA291 }
```

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

```
.background{ background-color:#5AA291 }
```

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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