

# Converting Colors

Hex(5AA186)

Have a look what the booklet for  
Hex(5AA186) contains.

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# Color

Hex(5AA186)

# Conversions

## Conversions Part 1

Format	Color
Hex	5AA186
RGB	90, 161, 134
RGB Percent	35%, 63%, 53%
CMY	0.6471, 0.3686, 0.4745
CMYK	0.44, 0.00, 0.17, 0.37
HSL	157°, 28%, 49%
HSV	157°, 44%, 63%
XYZ	21.2644, 29.3846, 27.1053
YIQ	136.6930, -33.6490, -23.4490

# Conversions

## Conversions Part 2

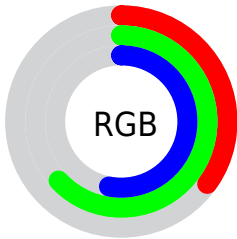
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 134, 161
Decimal	5939590
CIE <sub>Lab</sub>	61.12, -28.88, 7.15
CIE <sub>LCh</sub>	61, 29.750, 166.091
Yxy	29.3846, 0.2735, 0.3779
Android (android.graphics.Color)	4284129670 (0xFF5AA186)
YUV	136.6930, -1.3276, -40.9498
Hunter-Lab	54.2076, -24.8418, 8.2987

# Details

The Hex color **5AA186** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A15A75**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **90D8BB**, and **246D54** is the 20% darker color. If you saturate the color by 10%, you get **4AA180**, and if you desaturate by 10%, it is **6AA18C**.

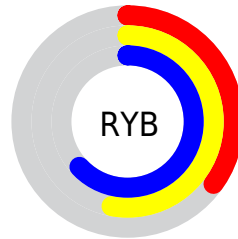
# Distribution



Red (35%)

Green (63%)

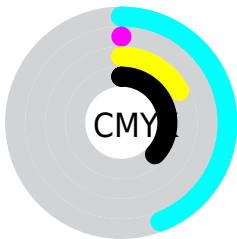
Blue (53%)



Red (35%)

Yellow (53%)

Blue (63%)

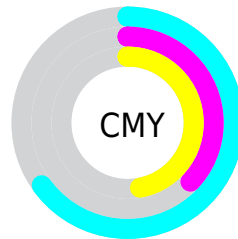


Cyan (44%)

Magenta (0%)

Yellow (17%)

Black (37%)



Cyan (65%)

Magenta (37%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5AA186 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 5AA186 by changing the saturation by 10% instead.



■ 5AA186

■ 5AA186

FFFFFF

■ 40876D

■ 90D8BB

■ 246D54

■ ABF5D7

■ 00543D

■ C7FFF3

■ 003C27

■ E4FFFF

■ 002613

■ 000800

■ 000000

■ 5AA186

■ 5AA186

■ 4AA180

■ 6AA18C

■ 3AA17A

■ 7AA192

■ 2AA174

■ 8AA198

■ 1AA16E

■ 9AA19E

■ 0AA167

■ ABA1A5

■ 00A164

■ BBA1AB

■ CBA1B1

■ DBA1B7

■ EBA1BD

# Harmonies

## Analogous

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



7A9D6E



5AA186



3EA2A1

# Triad

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



5AA186



8591C6



C2856F

# Complementary

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



5AA186



A15A75

# 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.



C88086



5AA186



A888B8

# Square

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



5AA186



5D9AC6



BF81A1



B08E61

# Rectangle

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



5AA186



38A1B2



BF81A1



C58376



# Sweetspot

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



5AA186



B6D1C7



75A15A



586962



E8E8E8



696969



# Same Dimension

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



5AA186



62D1A7



5A99A1



49524E



00915A



00120B



# Inverse Universe

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



A15A75



D1628C



A1625A



52494D



910037



120007



# Previews

## White Background



This preview shows how the Hex color 5AA186 looks on a white background.

## Color Contrast Check

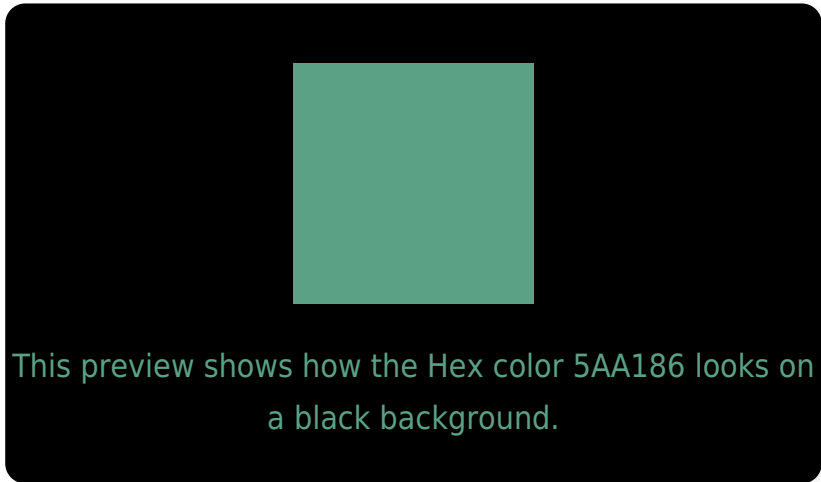
Large Text (above 18pt) WCAG AA ✓ Pass

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

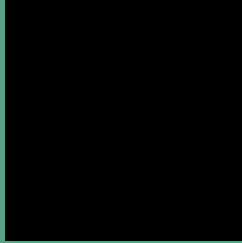
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5AA186 Background



This preview shows how black text looks on a background with the Hex color 5AA186.

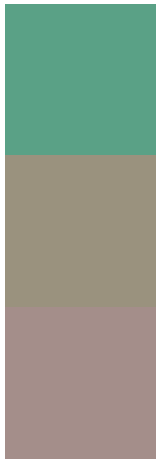


This preview shows how white text looks on a background with the Hex color 5AA186.

# 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



**Original Color**  
5AA186

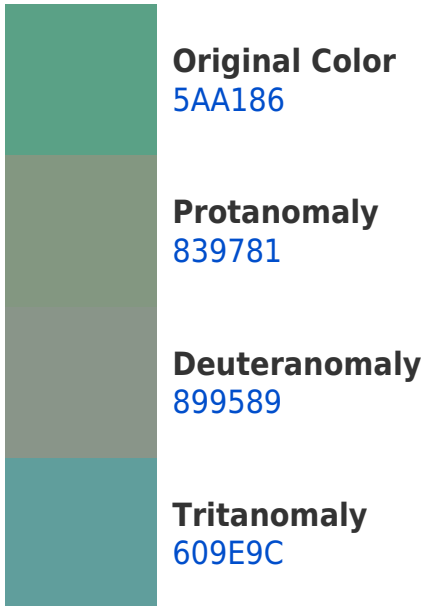
**Protanopia**  
9A927E

**Deuteranopia**  
A48E8A

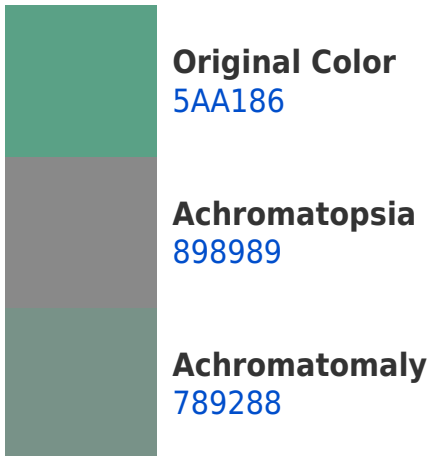


**Tritanopia**  
639CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5AA186 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 #5AA186 looks like.

```
.text, #text, p{  
    color:#5AA186  
}
```

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 #5AA186 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AA186
}
```

## Border

The CSS property to change the border of an element to Hex 5AA186 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
#5AA186 }
```

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

```
.border{ border-color:#5AA186 }
```

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

Here you see how a box with a 4 pixel #5AA186 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AA186; -webkit-box-shadow:4px 4px  
4px 4px #5AA186; box-shadow:4px 4px 4px  
4px #5AA186 }
```

# Background

The CSS property to change the background color of an element to Hex 5AA186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AA186 }
```

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

```
.background{ background-color:#5AA186 }
```

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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