

# Converting Colors

Hex(5AA489)

Have a look what the booklet for  
Hex(5AA489) contains.

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# **Color**

**Hex(5AA489)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AA489
RGB	90, 164, 137
RGB Percent	35%, 64%, 54%
CMY	0.6471, 0.3569, 0.4627
CMYK	0.45, 0.00, 0.16, 0.36
HSL	158°, 29%, 50%
HSV	158°, 45%, 64%
XYZ	22.0073, 30.5307, 28.4000
YIQ	138.7960, -35.4370, -24.0850

# Conversions

## Conversions Part 2

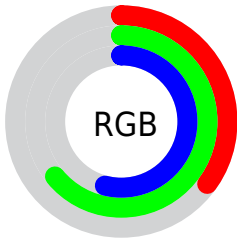
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 135, 164
Decimal	5940361
CIELab	62.11, -29.65, 6.89
CIELCh	62, 30.439, 166.926
Yxy	30.5307, 0.2719, 0.3772
Android (android.graphics.Color)	4284130441 (0xFF5AA489)
YUV	138.7960, -0.8854, -42.7941
Hunter-Lab	55.2546, -25.6011, 8.2041

# Details

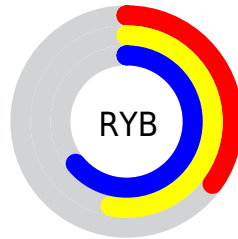
The Hex color **5AA489** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A45A75**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **90DBBE**, and **237057** is the 20% darker color. If you saturate the color by 10%, you get **4AA483**, and if you desaturate by 10%, it is **6AA48F**.

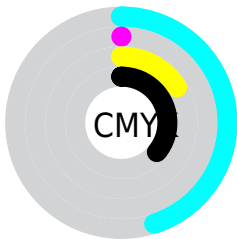
# Distribution



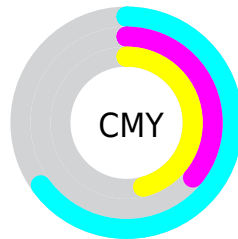
- Red (35%)
- Green (64%)
- Blue (54%)



- Red (35%)
- Yellow (53%)
- Blue (64%)



- Cyan (45%)
- Magenta (0%)
- Yellow (16%)
- Black (36%)



- Cyan (65%)
- Magenta (36%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5AA489 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 5AA489 by changing the saturation by 10% instead.





5AA489



5AA489

FFFFFF



3F8970



90DBBE



237057



ACF8DA



005740



C8FFF7



003F2A



E5FFFF



002915



000E00



000000



5AA489



5AA489



4AA483



6AA48F

 39A47D

 7BA495

 29A477

 8BA49B

 18A471

 9CA4A1

 08A46B

 ACA4A7

 00A468

 BCA4AD

 CDA4B3

 DDA4B9

 EEA4BF

# Harmonies

## Analogous

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



7BA070



5AA489



3DA5A5

# Triad

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



5AA489



8993C9



C58770

# Complementary

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



5AA489



A45A75

# 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.



CC8288



5AA489



AC8ABB

# Square

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



5AA489



5F9CCA



C483A3



B39062

# Rectangle

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



5AA489



37A3B6



C483A3



C98577



# Sweetspot

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



5AA489



B8D6CB



75A45A



596B64



EBEBEB



6B6B6B



# Same Dimension

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



5AA489



63D6AC



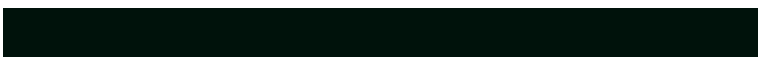
5A9AA4



49524F



00915C



00120B



# Inverse Universe

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



A45A75



D6638D



A4645A



52494C



910035

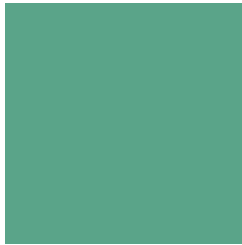


120007



# Previews

## White Background



This preview shows how the Hex color 5AA489 looks on a white background.

## Color Contrast Check

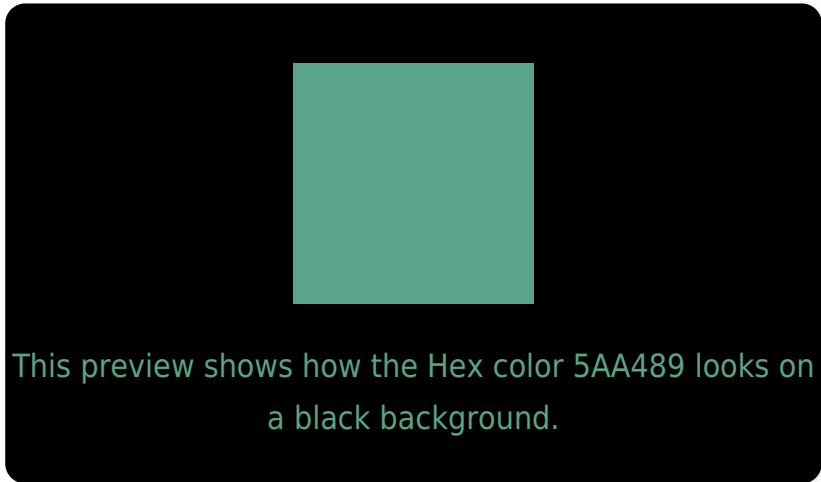
Large Text (above 18pt) WCAG AA × Fail

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

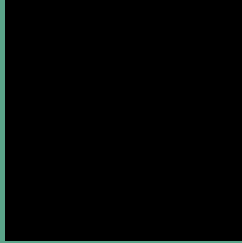
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5AA489 Background



This preview shows how black text looks on a background with the Hex color 5AA489.

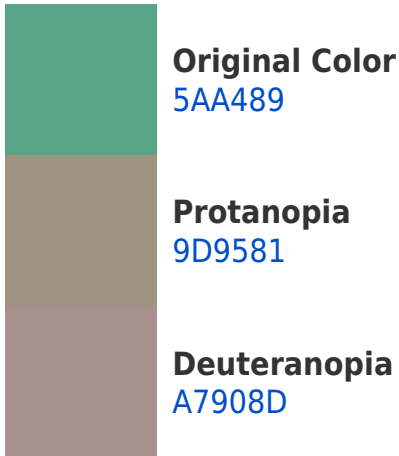


This preview shows how white text looks on a background with the Hex color 5AA489.

# Color Blindness Simulation

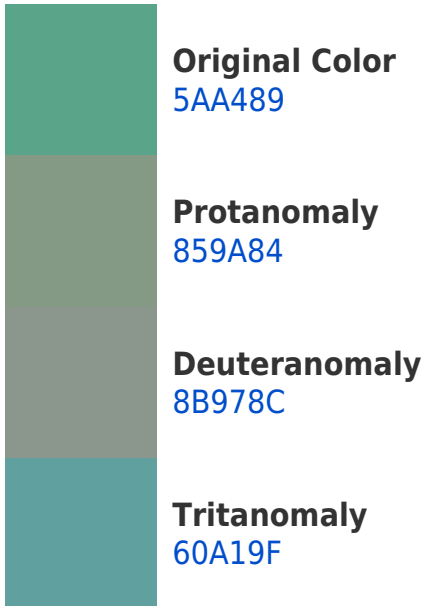
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

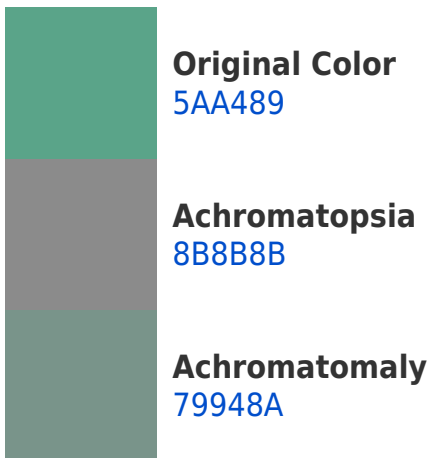




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5AA489 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 #5AA489 looks like.

```
.text, #text, p{  
    color:#5AA489  
}
```

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 #5AA489 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AA489
}
```

## Border

The CSS property to change the border of an element to Hex 5AA489 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
#5AA489 }
```

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

```
.border{ border-color:#5AA489 }
```

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

Here you see how a box with a 4 pixel #5AA489 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AA489; -webkit-box-shadow:4px 4px  
4px 4px #5AA489; box-shadow:4px 4px 4px  
4px #5AA489 }
```

# Background

The CSS property to change the background color of an element to Hex 5AA489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AA489 }
```

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

```
.background{ background-color:#5AA489 }
```

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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