

# Converting Colors

Hex(58A487)

Have a look what the booklet for  
Hex(58A487) contains.

<b>Hex(58A487)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(58A487)

# Conversions

## Conversions Part 1

Format	Color
Hex	58A487
RGB	88, 164, 135
RGB Percent	35%, 64%, 53%
CMY	0.6549, 0.3569, 0.4706
CMYK	0.46, 0.00, 0.18, 0.36
HSL	157°, 30%, 49%
HSV	157°, 46%, 64%
XYZ	21.6731, 30.3749, 27.6423
YIQ	137.9700, -35.9870, -25.1310

# Conversions

## Conversions Part 2

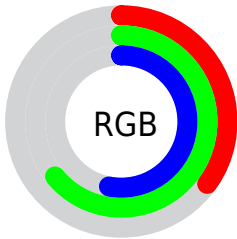
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 135, 164
Decimal	5809287
CIELab	61.98, -30.64, 7.80
CIElCh	62, 31.616, 165.712
Yxy	30.3749, 0.2720, 0.3812
Android (android.graphics.Color)	4283999367 (0xFF58A487)
YUV	137.9700, -1.4642, -43.8237
Hunter-Lab	55.1134, -26.2541, 8.8423

# Details

The Hex color **58A487** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A45875**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **8EDBBC**, and **207055** is the 20% darker color. If you saturate the color by 10%, you get **48A481**, and if you desaturate by 10%, it is **68A48D**.

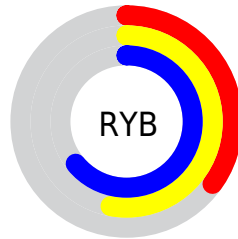
# Distribution



Red (35%)

Green (64%)

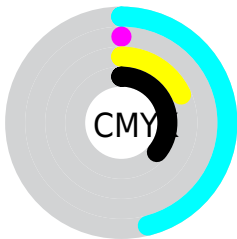
Blue (53%)



Red (35%)

Yellow (53%)

Blue (64%)

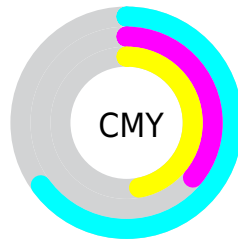


Cyan (46%)

Magenta (0%)

Yellow (18%)

Black (36%)



Cyan (65%)

Magenta (36%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58A487 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 58A487 by changing the saturation by 10% instead.



 58A487

 58A487

FFFFFF

 3D896E

 8EDBBC

 207055

 AAF8D8

 00573E

 C6FFF4

 003F28

 E3FFFF

 002914

 000D00

 000000

 58A487

 58A487

 48A481

 68A48D

 37A47A

 79A494

 27A474

 89A49A

 16A46E

 9AA4A0

 06A468

 AAA4A6

 00A465

 BAA4AD

 CBA4B3

 DBA4B9

 ECA4BF

# Harmonies

## Analogous

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



7AA06E



58A487



37A5A4

# Triad

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



58A487



8693CB



C7866F

# Complementary

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



58A487



A45875

# 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.



CD8188



58A487



AC89BD

# Square

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



58A487



599CCB



C482A4



B58F60

# Rectangle

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



58A487



2EA4B5



C482A4



CB8476



# Sweetspot

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



58A487



B8D6CB



75A458



596B64



EBEBEB



6B6B6B



# Same Dimension

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



58A487



5ED6A8



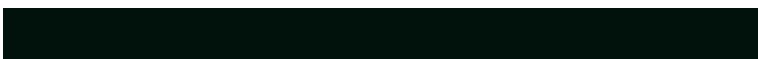
589BA4



49524E



00915A



00120B



# Inverse Universe

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



A45875



D65E8C



A46158



52494D



910037



120007



# Previews

## White Background



This preview shows how the Hex color 58A487 looks on a white background.

## Color Contrast Check

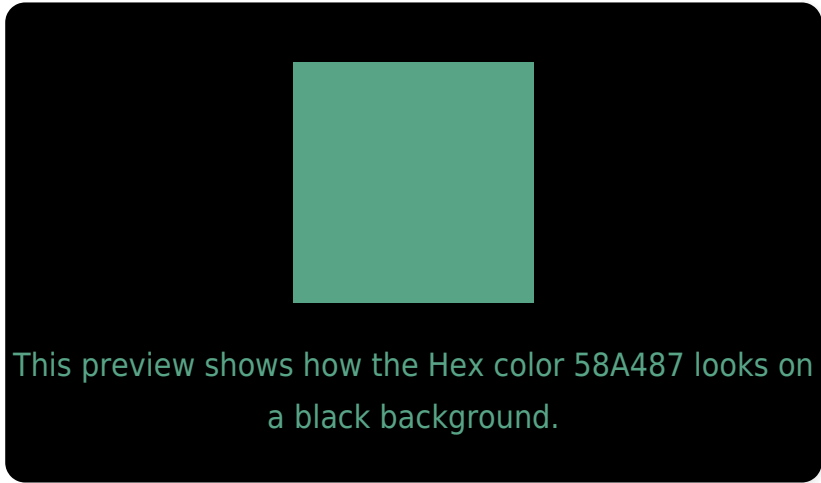
Large Text (above 18pt) WCAG AA × Fail

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

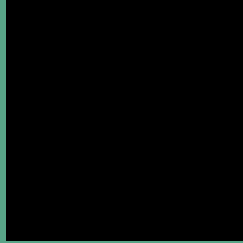
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 58A487 Background



This preview shows how black text looks on a background with the Hex color 58A487.

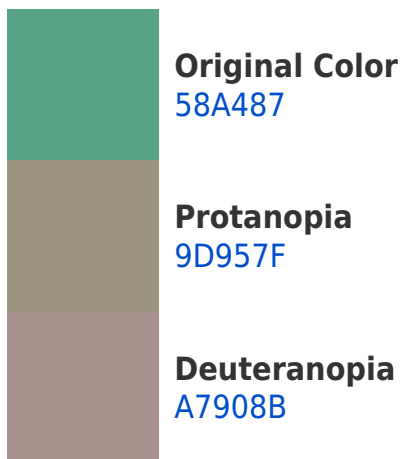


This preview shows how white text looks on a background with the Hex color 58A487.

# Color Blindness Simulation

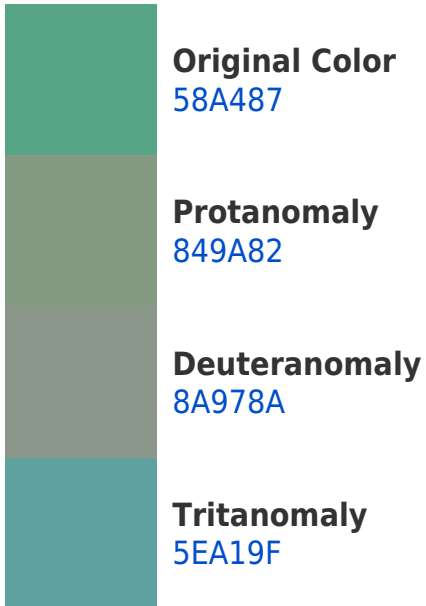
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

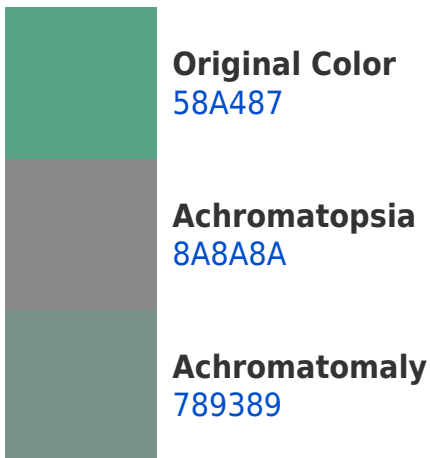




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58A487 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 #58A487 looks like.

```
.text, #text, p{  
    color:#58A487  
}
```

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 #58A487 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58A487
}
```

## Border

The CSS property to change the border of an element to Hex 58A487 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
#58A487 }
```

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

```
.border{ border-color:#58A487 }
```

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

Here you see how a box with a 4 pixel #58A487 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58A487; -webkit-box-shadow:4px 4px  
4px 4px #58A487; box-shadow:4px 4px 4px  
4px #58A487 }
```

# Background

The CSS property to change the background color of an element to Hex 58A487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58A487 }
```

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

```
.background{ background-color:#58A487 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor