

Converting Colors

Hex(57A980)

Have a look what the booklet for
Hex(57A980) contains.

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Color

Hex(57A980)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 57A980 |
| RGB | 87, 169, 128 |
| RGB Percent | 34%, 66%, 50% |
| CMY | 0.6588, 0.3373, 0.4980 |
| CMYK | 0.49, 0.00, 0.24, 0.34 |
| HSL | 150°, 32%, 50% |
| HSV | 150°, 49%, 66% |
| XYZ | 22.0147, 31.9607, 25.4308 |
| YIQ | 139.8080, -35.7110, -30.1350 |

Conversions

Conversions Part 2

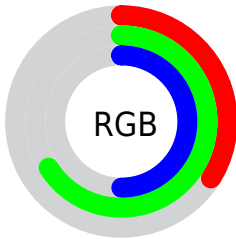
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 87, 142, 169 |
| Decimal | 5745024 |
| CIELab | 63.31, -34.79, 13.57 |
| CIElCh | 63, 37.346, 158.686 |
| Yxy | 31.9607, 0.2772, 0.4025 |
| Android (android.graphics.Color) | 4283935104 (0xFF57A980) |
| YUV | 139.8080, -5.8213, -46.3126 |
| Hunter-Lab | 56.5338, -29.4247, 12.9030 |

Details

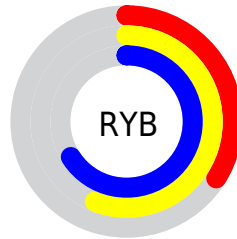
The Hex color **57A980** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A95780**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8DE1B5**, and **1E744F** is the 20% darker color. If you saturate the color by 10%, you get **46A978**, and if you desaturate by 10%, it is **68A988**.

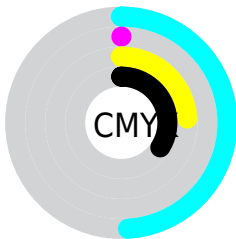
Distribution



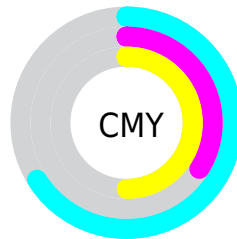
- Red (34%)
- Green (66%)
- Blue (50%)



- Red (34%)
- Yellow (56%)
- Blue (66%)



- Cyan (49%)
- Magenta (0%)
- Yellow (24%)
- Black (34%)



- Cyan (66%)
- Magenta (34%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57A980 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 57A980 by changing the saturation by 10% instead.

 57A980

 57A980

FFFFFF

 3C8E67

 8DE1B5

 1E744F

 A9FED0

 005B38

 C6FFED

 004322

 E2FFFF

 002C0D

 001400

 000000

 57A980

 57A980

 46A978

 68A988

 35A96F

 79A991

 24A967

 8AA999

 13A95E

 9BA9A2

 03A956

 ABA9AA

 00A954

 BCA9B3

 CDA9BB

 DEA9C4

 EFA9CC

Harmonies

Analogous

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



81A364



57A980



1CABA2

Triad

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



57A980



7899DB



D58471

Complementary

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



57A980



A95780

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.



D97F91



57A980



A98DCD

Square

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



57A980



37A3D6



CB82B2



C38F5C

Rectangle

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



57A980



00AAB8



CB82B2



D9827B

Sweetspot

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



57A980



BADBCB



80A957



5A6E64



EDEDED



6E6E6E

Same Dimension

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



57A980



5CDB9C



57A9A9



4C5450



00944A



00140A

Inverse Universe

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



A95780



DB5C9C



A95757



544C50



94004A



14000A

Previews

White Background



This preview shows how the Hex color 57A980 looks on a white background.

Color Contrast Check

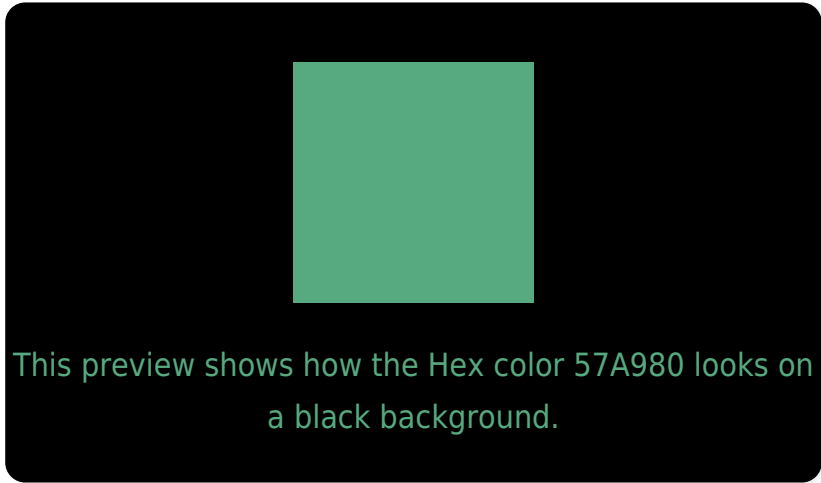
Large Text (above 18pt) WCAG AA × Fail

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

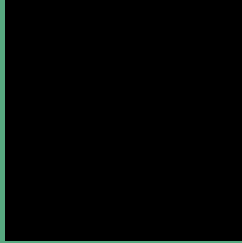
Any Text WCAG AA ✓ Pass

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 57A980 Background



This preview shows how black text looks on a background with the Hex color 57A980.

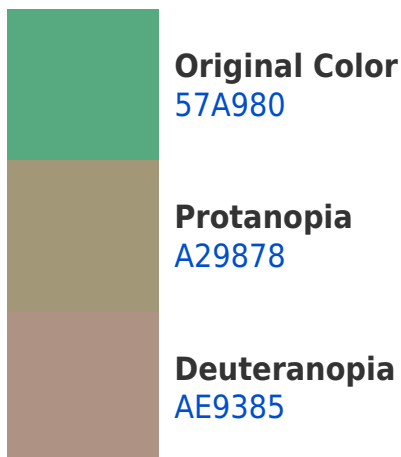


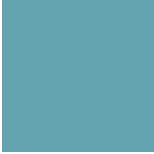
This preview shows how white text looks on a background with the Hex color 57A980.

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



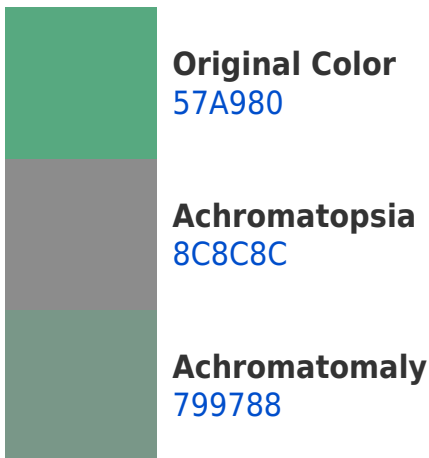


Tritanopia
64A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57A980 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 #57A980 looks like.

```
.text, #text, p{  
    color:#57A980  
}
```

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 #57A980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57A980
}
```

Border

The CSS property to change the border of an element to Hex 57A980 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
#57A980 }
```

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

```
.border{ border-color:#57A980 }
```

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

Here you see how a box with a 4 pixel #57A980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57A980; -webkit-box-shadow:4px 4px  
4px 4px #57A980; box-shadow:4px 4px 4px  
4px #57A980 }
```

Background

The CSS property to change the background color of an element to Hex 57A980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57A980 }
```

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

```
.background{ background-color:#57A980 }
```

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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