

Converting Colors

Hex(57C993)

Have a look what the booklet for
Hex(57C993) contains.

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Color

Hex(57C993)

Conversions

Conversions Part 1

Format	Color
Hex	57C993
RGB	87, 201, 147
RGB Percent	34%, 79%, 58%
CMY	0.6588, 0.2118, 0.4235
CMYK	0.57, 0.00, 0.27, 0.21
HSL	152°, 51%, 56%
HSV	152°, 57%, 79%
XYZ	30.0836, 45.9061, 34.8790
YIQ	160.7580, -50.6100, -40.9620

Conversions

Conversions Part 2

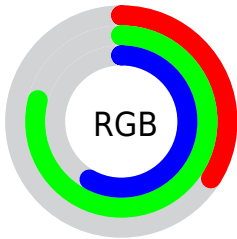
Format	Color
RYB	87, 162, 201
Decimal	5753235
CIELab	73.48, -44.96, 17.44
CIELCh	73, 48.224, 158.801
Yxy	45.9061, 0.2713, 0.4141
Android (android.graphics.Color)	4283943315 (0xFF57C993)
YUV	160.7580, -6.7827, -64.6858
Hunter-Lab	67.7540, -39.3135, 16.9061

Details

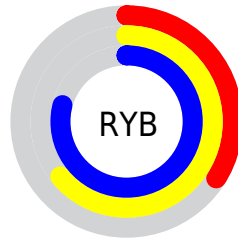
The Hex color **57C993** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C9578D**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **91FFC9**, and **0B9260** is the 20% darker color. If you saturate the color by 10%, you get **43C989**, and if you desaturate by 10%, it is **6BC99D**.

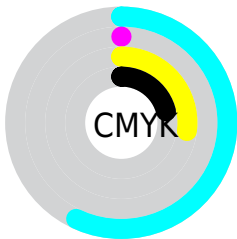
Distribution



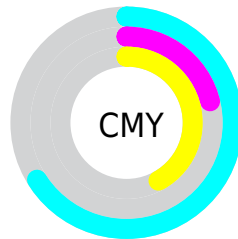
- Red (34%)
- Green (79%)
- Blue (58%)



- Red (34%)
- Yellow (64%)
- Blue (79%)



- Cyan (57%)
- Magenta (0%)
- Yellow (27%)
- Black (21%)



- Cyan (66%)
- Magenta (21%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57C993 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 57C993 by changing the saturation by 10% instead.

 57C993

 57C993

FFFFFF

 38AD79

 91FFC9

 0B9260

 AEFFE5

 007848

 CBFFFF

 005E31

 E9FFFF

 00451C

 002E04

 001400

 000000

 57C993

 57C993

 43C989

 6BC99D

 2FC980

 7FC9A6

 1BC976

 93C9B0

 07C96D

 A7C9B9

 00C96A

 BCC9C3

 D0C9CC

 E4C9D6

 F8C9DF

 FFC9E9

Harmonies

Analogous

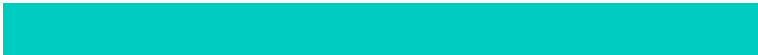
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93C26D



57C993



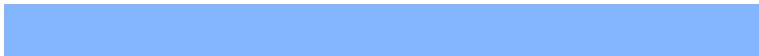
00CBC1

Triad

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



57C993



84B5FF



FF987F

Complementary

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



57C993



C9578D

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.



FF90A9



57C993



CAA4FA

Square

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



57C993



00C2FF



F695D5



EAA762

Rectangle

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



57C993



00CBDE



F695D5



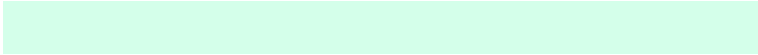
FF948C

Sweetspot

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



57C993



D4FFEA



8EC957



668073



000000



808080

Same Dimension

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



57C993



52FFAD



57C7C9



5A635F



00A356



002413

Inverse Universe

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



C9578D



FF52A4



C95957



635A5E



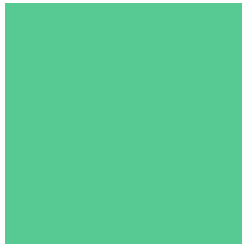
A3004D



240011

Previews

White Background



This preview shows how the Hex color 57C993 looks on a white background.

Color Contrast Check

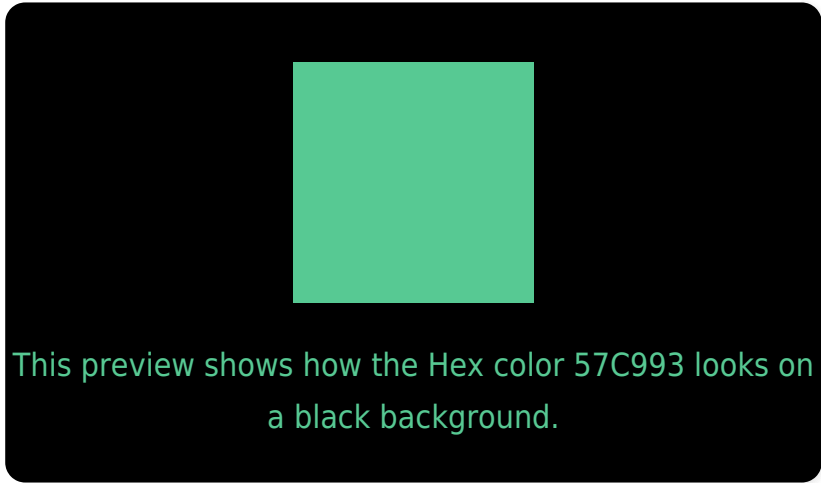
Large Text (above 18pt) WCAG AA × Fail

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

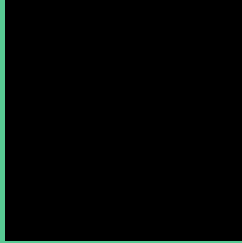
Any Text WCAG AA ✓ Pass

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 57C993 Background



This preview shows how black text looks on a background with the Hex color 57C993.

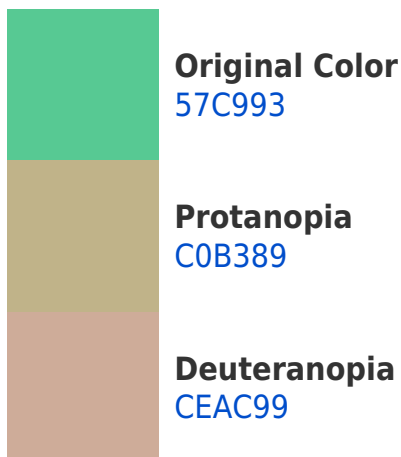


This preview shows how white text looks on a background with the Hex color 57C993.

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
6AC1D1

Trichromacy



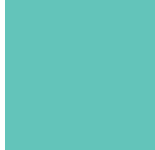
Original Color
57C993



Protanomaly
9ABB8D



Deuteranomaly
A3B797



Tritanomaly
63C4BA

Monochromacy



Original Color
57C993



Achromatopsia
A1A1A1



Achromatomaly
86B09C

CSS Examples

Text

The CSS property to change the color of the text to Hex 57C993 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 #57C993 looks like.

```
.text, #text, p{  
    color:#57C993  
}
```

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 #57C993 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57C993
}
```

Border

The CSS property to change the border of an element to Hex 57C993 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
#57C993 }
```

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

```
.border{ border-color:#57C993 }
```

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

Here you see how a box with a 4 pixel #57C993 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57C993; -webkit-box-shadow:4px 4px  
4px 4px #57C993; box-shadow:4px 4px 4px  
4px #57C993 }
```

Background

The CSS property to change the background color of an element to Hex 57C993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57C993 }
```

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

```
.background{ background-color:#57C993 }
```

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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