

Converting Colors

Hex(56A990)

Have a look what the booklet for
Hex(56A990) contains.

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Color

Hex(56A990)

Conversions

Conversions Part 1

Format	Color
Hex	56A990
RGB	86, 169, 144
RGB Percent	34%, 66%, 56%
CMY	0.6627, 0.3373, 0.4353
CMYK	0.49, 0.00, 0.15, 0.34
HSL	162°, 33%, 50%
HSV	162°, 49%, 66%
XYZ	23.0598, 32.3680, 31.4178
YIQ	141.3330, -41.4430, -25.3710

Conversions

Conversions Part 2

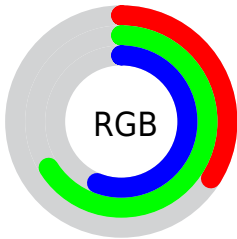
Format	Color
RYB	86, 135, 169
Decimal	5679504
CIELab	63.65, -31.45, 5.16
CIElCh	64, 31.874, 170.684
Yxy	32.3680, 0.2655, 0.3727
Android (android.graphics.Color)	4283869584 (0xFF56A990)
YUV	141.3330, 1.3148, -48.5270
Hunter-Lab	56.8929, -27.2131, 7.0834

Details

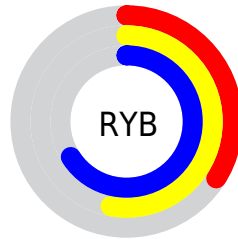
The Hex color **56A990** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A9566F**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **8DE1C6**, and **1B745E** is the 20% darker color. If you saturate the color by 10%, you get **45A98B**, and if you desaturate by 10%, it is **67A995**.

Distribution



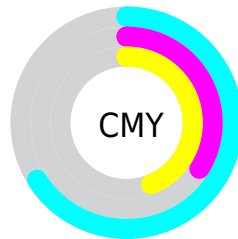
- Red (34%)
- Green (66%)
- Blue (56%)



- Red (34%)
- Yellow (53%)
- Blue (66%)



- Cyan (49%)
- Magenta (0%)
- Yellow (15%)
- Black (34%)



- Cyan (66%)
- Magenta (34%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56A990 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 56A990 by changing the saturation by 10% instead.

 56A990

 56A990

FFFFFF

 3A8E76

 8DE1C6

 1B745E

 A9FEE2

 005B46

 C5FFFE

 004330

 E2FFFF

 002C1B

 001500

 000000

 56A990

 56A990

 45A98B

 67A995

 34A986

 78A99A

 23A981

 89A99F

 12A97C

 9AA9A4

 02A977

 AAA9A9

 00A976

 BBA9AF

 CCA9B4

 DDA9B9

 EEA9BE

Harmonies

Analogous

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



79A575



56A990



38A9AD

Triad

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



56A990



9196CF



CA8C6F

Complementary

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



56A990



A9566F

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.



D28587



56A990



B58CBE

Square

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



56A990



65A0D2



CC85A4



B59562

Rectangle

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



56A990



35A8BE



CC85A4



CE8976

Sweetspot

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



56A990



BADBD1



70A956



5A6E68



EDEDED



6E6E6E

Same Dimension

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



56A990



5ADBB4



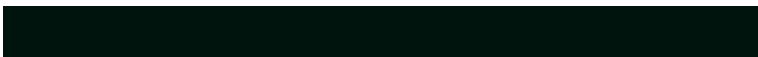
569AA9



4C5452



009467



00140E

Inverse Universe

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



A9566F



DB5A81



A96556



544C4E



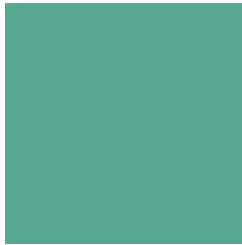
94002D



140006

Previews

White Background



This preview shows how the Hex color 56A990 looks on a white background.

Color Contrast Check

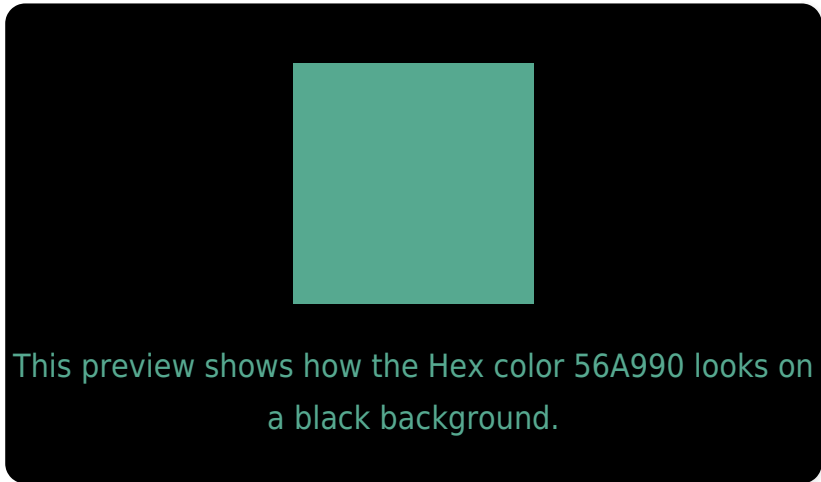
Large Text (above 18pt) WCAG AA × Fail

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 56A990 Background



This preview shows how black text looks on a background with the Hex color 56A990.

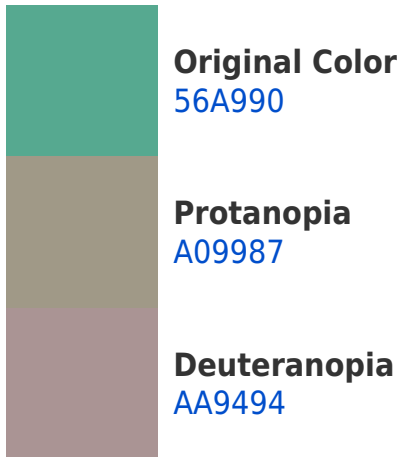


This preview shows how white text looks on a background with the Hex color 56A990.

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](#).

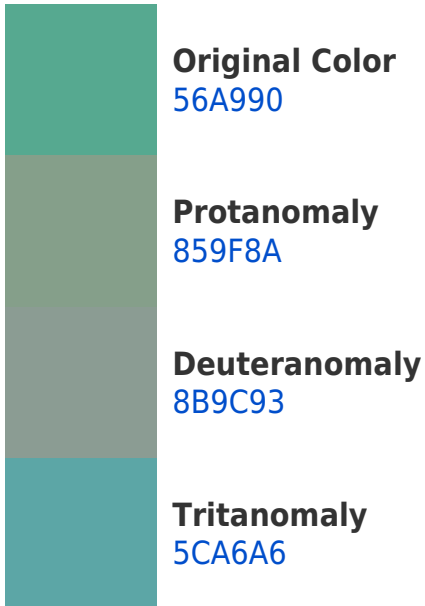
Dichromacy



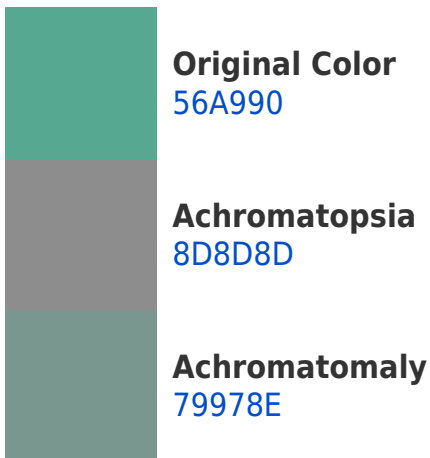


Tritanopia
60A4B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56A990 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 #56A990 looks like.

```
.text, #text, p{  
    color:#56A990  
}
```

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 #56A990 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56A990
}
```

Border

The CSS property to change the border of an element to Hex 56A990 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
#56A990 }
```

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

```
.border{ border-color:#56A990 }
```

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

Here you see how a box with a 4 pixel #56A990 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56A990; -webkit-box-shadow:4px 4px  
4px 4px #56A990; box-shadow:4px 4px 4px  
4px #56A990 }
```

Background

The CSS property to change the background color of an element to Hex 56A990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56A990 }
```

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

```
.background{ background-color:#56A990 }
```

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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