

Converting Colors

Hex(56A695)

Have a look what the booklet for
Hex(56A695) contains.

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Color

Hex(56A695)

Conversions

Conversions Part 1

Format	Color
Hex	56A695
RGB	86, 166, 149
RGB Percent	34%, 65%, 58%
CMY	0.6627, 0.3490, 0.4157
CMYK	0.48, 0.00, 0.10, 0.35
HSL	167°, 32%, 49%
HSV	167°, 48%, 65%
XYZ	22.8988, 31.4208, 33.2917
YIQ	140.1420, -42.2230, -22.2470

Conversions

Conversions Part 2

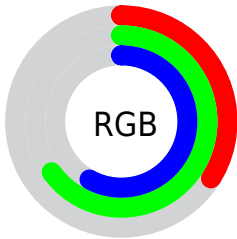
Format	Color
RYB	86, 131, 166
Decimal	5678741
CIELab	62.86, -28.80, 1.23
CIElCh	63, 28.825, 177.554
Yxy	31.4208, 0.2614, 0.3586
Android (android.graphics.Color)	4283868821 (0xFF56A695)
YUV	140.1420, 4.3670, -47.4825
Hunter-Lab	56.0543, -25.1757, 4.0245

Details

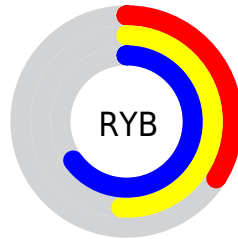
The Hex color **56A695** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A65667**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8DDDCB**, and **1B7262** is the 20% darker color. If you saturate the color by 10%, you get **45A691**, and if you desaturate by 10%, it is **67A699**.

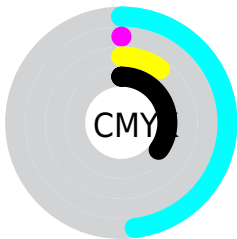
Distribution



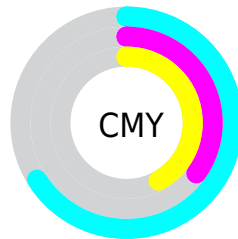
- Red (34%)
- Green (65%)
- Blue (58%)



- Red (34%)
- Yellow (51%)
- Blue (65%)



- Cyan (48%)
- Magenta (0%)
- Yellow (10%)
- Black (35%)



- Cyan (66%)
- Magenta (35%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56A695 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 56A695 by changing the saturation by 10% instead.



56A695



56A695

FFFFFF



3A8B7B



8DDDCB



1B7262



A9FAE7



00594B



C5FFFF



004134



E2FFFF



002A1F



001207



000000



56A695



56A695



45A691



67A699

 35A68E

 77A69C

 24A68A

 88A6A0

 14A687

 98A6A3

 03A683

 A9A6A7

 00A683

 BAA6AA

 CAA6AE

 DBA6B1

 EBA6B5

Harmonies

Analogous

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



73A37C



56A695



43A6AF

Triad

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



56A695



9992C5



C08D6E

Complementary

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



56A695



A65667

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.



CB8682



56A695



B78AB4

Square

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



56A695



739BCB



C8859B



AC9665

Rectangle

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



56A695



48A4BD



C8859B



C58A73

Sweetspot

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



56A695



BAD9D2



67A656



5B6E6A



EDEDED



6E6E6E

Same Dimension

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



56A695



5BD9BE



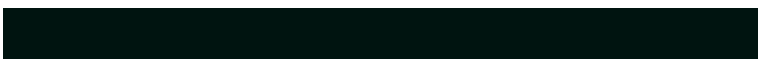
568FA6



4C5452



009474



001410

Inverse Universe

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



A65667



D95B76



A66D56



544C4E



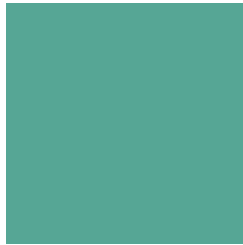
94001F



140004

Previews

White Background



This preview shows how the Hex color 56A695 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



This preview shows how the Hex color 56A695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

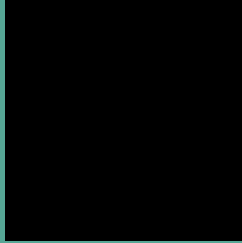
Any Text WCAG AA ✓ Pass

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 56A695 Background



This preview shows how black text looks on a background with the Hex color 56A695.

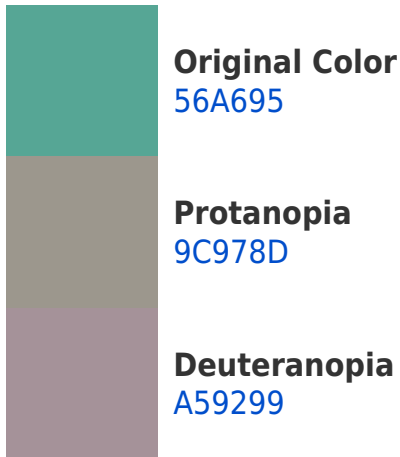


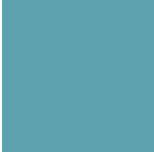
This preview shows how white text looks on a background with the Hex color 56A695.

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 56A695 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 #56A695 looks like.

```
.text, #text, p{  
    color:#56A695  
}
```

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 #56A695 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56A695
}
```

Border

The CSS property to change the border of an element to Hex 56A695 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
#56A695 }
```

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

```
.border{ border-color:#56A695 }
```

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

Here you see how a box with a 4 pixel #56A695 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56A695; -webkit-box-shadow:4px 4px  
4px 4px #56A695; box-shadow:4px 4px 4px  
4px #56A695 }
```

Background

The CSS property to change the background color of an element to Hex 56A695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56A695 }
```

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

```
.background{ background-color:#56A695 }
```

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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