

# Converting Colors

Hex(56A3A9)

Have a look what the booklet for  
Hex(56A3A9) contains.

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**Color**

**Hex(56A3A9)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 56A3A9                       |
| RGB         | 86, 163, 169                 |
| RGB Percent | 34%, 64%, 66%                |
| CMY         | 0.6627, 0.3608, 0.3373       |
| CMYK        | 0.49, 0.04, 0.00, 0.34       |
| HSL         | 184°, 33%, 50%               |
| HSV         | 184°, 49%, 66%               |
| XYZ         | 24.0964, 31.0374, 42.2569    |
| YIQ         | 140.6610, -47.8180, -14.4580 |

# Conversions

## Conversions Part 2

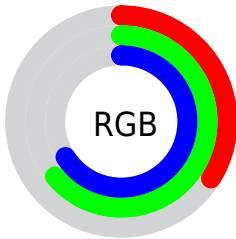
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>YB</sub>                     | 86, 126, 169                   |
| Decimal                             | 5677993                        |
| CIE Lab                             | 62.54, -22.08, -10.47          |
| CIE LCh                             | 63, 24.437, 205.375            |
| Yxy                                 | 31.0374, 0.2474,<br>0.3187     |
| Android<br>(android.graphics.Color) | 4283868073<br>(0xFF56A3A9)     |
| YUV                                 | 140.6610, 13.9711,<br>-47.9377 |
| Hunter-Lab                          | 55.7112, -20.2893,<br>-5.9736  |

# Details

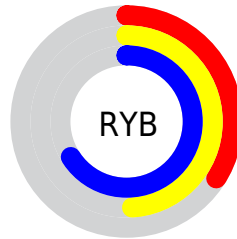
The Hex color **56A3A9** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A95C56**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **8DDAE0**, and **186F75** is the 20% darker color. If you saturate the color by 10%, you get **45A2A9**, and if you desaturate by 10%, it is **67A4A9**.

# Distribution



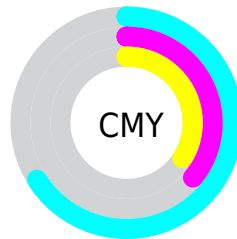
- Red (34%)
- Green (64%)
- Blue (66%)



- Red (34%)
- Yellow (49%)
- Blue (66%)



- Cyan (49%)
- Magenta (4%)
- Yellow (0%)
- Black (34%)



- Cyan (66%)
- Magenta (36%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56A3A9 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 56A3A9 by changing the saturation by 10% instead.





56A3A9



56A3A9

FFFFFF



3A898F



8DDAE0



186F75



AAF7FD



00565C



C6FFFF



003F45



E3FFFF



00282F



00111A



000000



56A3A9



56A3A9



45A2A9



67A4A9

34A1A9

78A5A9

239FA9

89A7A9

129EA9

9AA8A9

029DA9

AAA9A9

009DA9

BBAAA9

CCACA9

DDADA9

EEAEA9

# Harmonies

## Analogous

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



63A393



56A3A9



5EA0BA

# Triad

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



56A3A9



B08CB0



AA956C

# Complementary

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



56A3A9



A95C56

# 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.



BB8D74



56A3A9



C0889B

# Square

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



56A3A9



9693BE



C38886



949C70

# Rectangle

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



56A3A9



6E9CC1



C38886



B1926E



# Sweetspot

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



56A3A9



BAD9DB



56A95C



5A6C6E



EDEDED



6E6E6E



# Same Dimension

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



56A3A9



5AD2DB



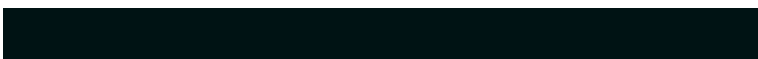
567AA9



4C5454



008994



001314



# Inverse Universe

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



A956A3



DB5AD2



A98556



544C54



940089

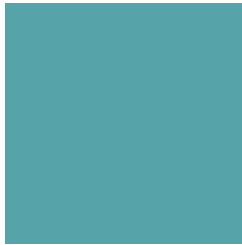


140013



# Previews

## White Background



This preview shows how the Hex color 56A3A9 looks on a white background.

## Color Contrast Check

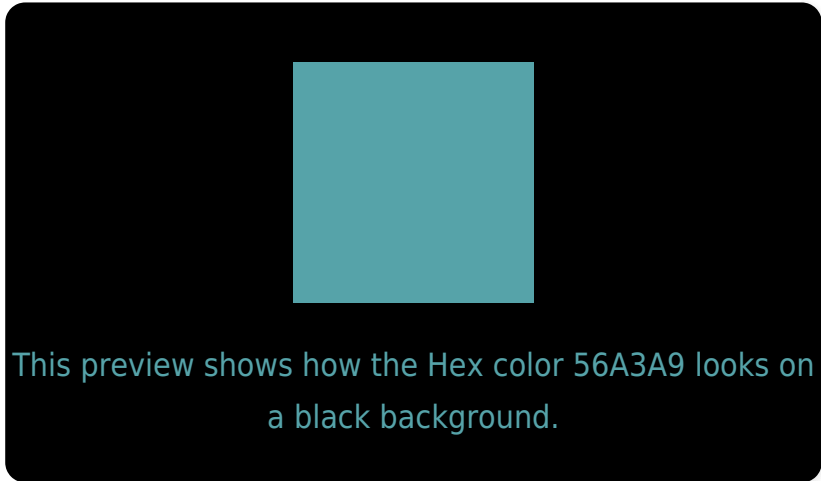
Large Text (above 18pt) WCAG AA × Fail

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

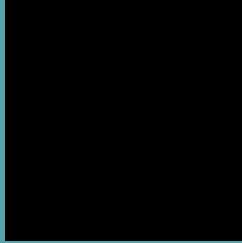
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 56A3A9 Background



This preview shows how black text looks on a background with the Hex color 56A3A9.

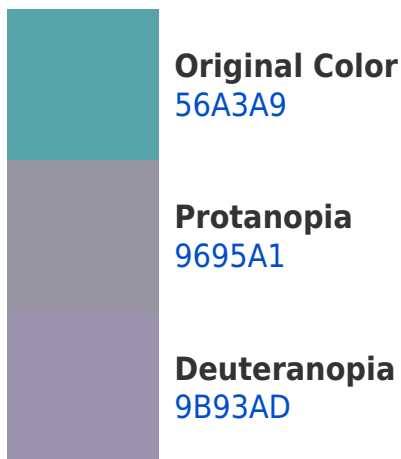


This preview shows how white text looks on a background with the Hex color 56A3A9.

# 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](#).

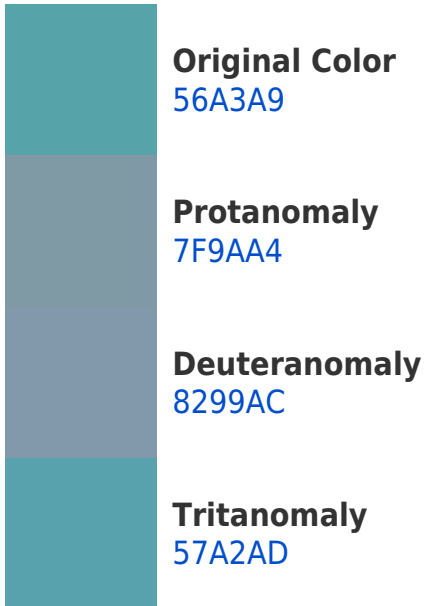
## Dichromacy



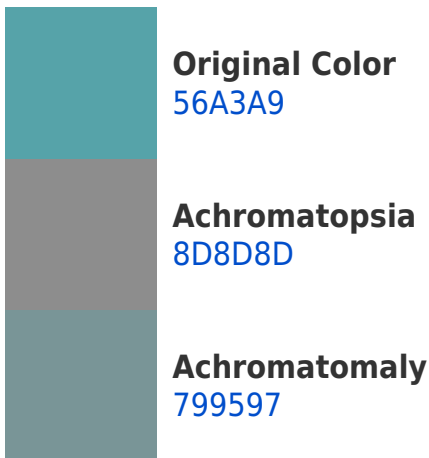


**Tritanopia**  
58A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56A3A9 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 #56A3A9 looks like.

```
.text, #text, p{  
    color:#56A3A9  
}
```

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 #56A3A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56A3A9
}
```

## Border

The CSS property to change the border of an element to Hex 56A3A9 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
#56A3A9 }
```

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

```
.border{ border-color:#56A3A9 }
```

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

Here you see how a box with a 4 pixel #56A3A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56A3A9; -webkit-box-shadow:4px 4px  
4px 4px #56A3A9; box-shadow:4px 4px 4px  
4px #56A3A9 }
```

# Background

The CSS property to change the background color of an element to Hex 56A3A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56A3A9 }
```

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

```
.background{ background-color:#56A3A9 }
```

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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