

# Converting Colors

Hex(52A184)

Have a look what the booklet for  
Hex(52A184) contains.

|  |    |
|--|----|
| <b>Hex(52A184)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

Hex(52A184)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 52A184                       |
| RGB         | 82, 161, 132                 |
| RGB Percent | 32%, 63%, 52%                |
| CMY         | 0.6784, 0.3686, 0.4824       |
| CMYK        | 0.49, 0.00, 0.18, 0.37       |
| HSL         | 158°, 33%, 48%               |
| HSV         | 158°, 49%, 63%               |
| XYZ         | 20.3894, 28.9495, 26.3430    |
| YIQ         | 134.0730, -37.7750, -25.7670 |

# Conversions

## Conversions Part 2

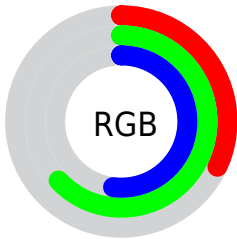
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 82, 130, 161                   |
| Decimal                             | 5415300                        |
| CIELab                              | 60.74, -31.45, 7.68            |
| CIELCh                              | 61, 32.375, 166.273            |
| Yxy                                 | 28.9495, 0.2694,<br>0.3825     |
| Android<br>(android.graphics.Color) | 4283605380<br>(0xFF52A184)     |
| YUV                                 | 134.0730, -1.0220,<br>-45.6680 |
| Hunter-Lab                          | 53.8048, -26.5155,<br>8.6348   |

# Details

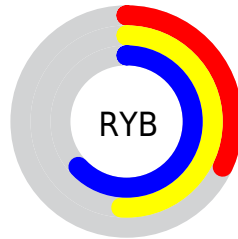
The Hex color **52A184** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A1526F**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **88D8B9**, and **186D53** is the 20% darker color. If you saturate the color by 10%, you get **42A17E**, and if you desaturate by 10%, it is **62A18A**.

# Distribution



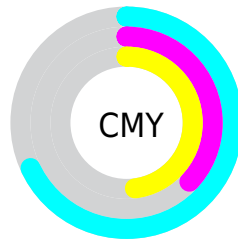
- Red (32%)
- Green (63%)
- Blue (52%)



- Red (32%)
- Yellow (51%)
- Blue (63%)



- Cyan (49%)
- Magenta (0%)
- Yellow (18%)
- Black (37%)



- Cyan (68%)
- Magenta (37%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52A184 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 52A184 by changing the saturation by 10% instead.



 52A184

 52A184

FFFFFF

 37866B

 88D8B9

 186D53

 A4F5D5

 00543C

 C0FFF1

 003C26

 DDFFFF

 002611

 FAFFFF

 000500

 000000

 52A184

 52A184

 42A17E

 62A18A

■ 32A178

■ 72A190

■ 22A172

■ 82A196

■ 12A16C

■ 92A19C

■ 02A166

■ A3A1A2

■ 00A166

■ B3A1A7

■ C3A1AD

■ D3A1B3

■ E3A1B9

# Harmonies

## Analogous

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



769D6A



52A184



2DA2A2

# Triad

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



52A184



8390C9



C4836A

# Complementary

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



52A184



A1526F

# 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.



CB7D84



52A184



A986BA

# Square

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



52A184



5499C9



C27EA1



B18C5B

# Rectangle

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



52A184



22A1B3



C27EA1



C88072



# Sweetspot

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



52A184



B2D1C6



70A152



566962



E8E8E8



696969



# Same Dimension

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



52A184



56D1A4



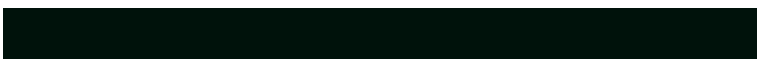
5298A1



49524F



00915C



00120B



# Inverse Universe

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



A1526F



D15683



A15B52



52494C



910035

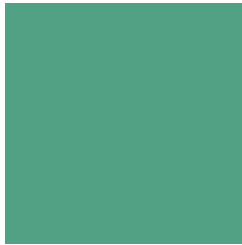


120007



# Previews

## White Background



This preview shows how the Hex color 52A184 looks on a white background.

## Color Contrast Check

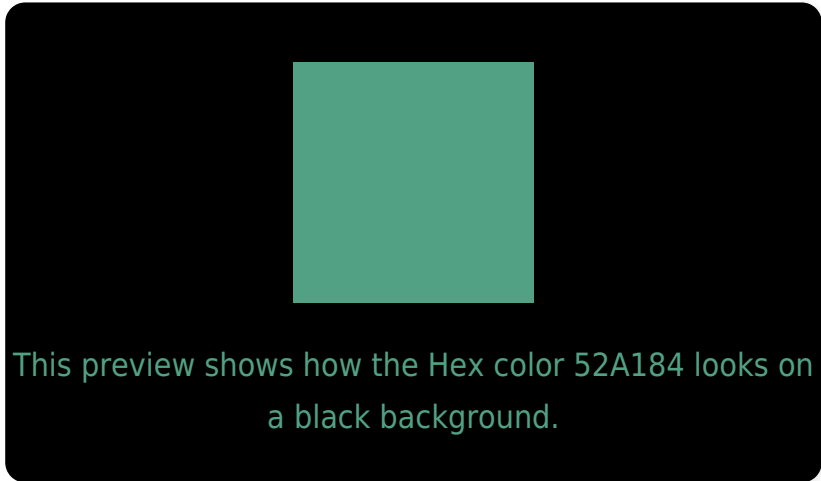
Large Text (above 18pt) WCAG AA ✓ Pass

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

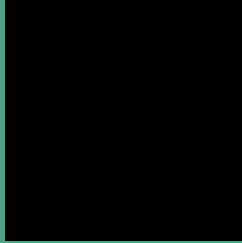
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 52A184 Background



This preview shows how black text looks on a background with the Hex color 52A184.

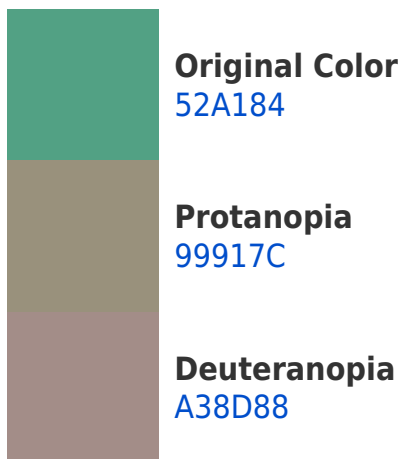


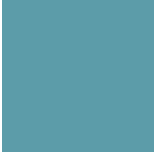
This preview shows how white text looks on a background with the Hex color 52A184.

# 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



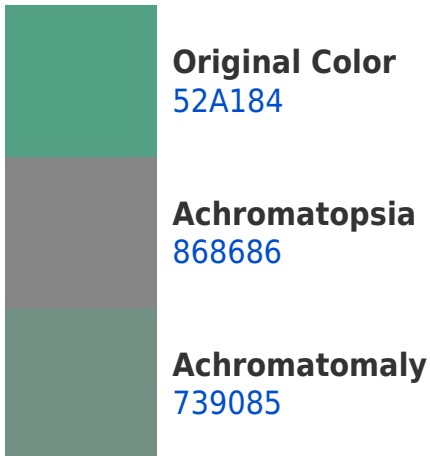


**Tritanopia**  
5C9CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52A184 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 #52A184 looks like.

```
.text, #text, p{  
    color:#52A184  
}
```

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 #52A184 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52A184
}
```

## Border

The CSS property to change the border of an element to Hex 52A184 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
#52A184 }
```

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

```
.border{ border-color:#52A184 }
```

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

Here you see how a box with a 4 pixel #52A184 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52A184; -webkit-box-shadow:4px 4px  
4px 4px #52A184; box-shadow:4px 4px 4px  
4px #52A184 }
```

# Background

The CSS property to change the background color of an element to Hex 52A184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52A184 }
```

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

```
.background{ background-color:#52A184 }
```

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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