

# Converting Colors

Hex(52A2A9)

Have a look what the booklet for  
Hex(52A2A9) contains.

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# **Color**

**Hex(52A2A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52A2A9
RGB	82, 162, 169
RGB Percent	32%, 64%, 66%
CMY	0.6784, 0.3647, 0.3373
CMYK	0.51, 0.04, 0.00, 0.34
HSL	185°, 35%, 49%
HSV	185°, 51%, 66%
XYZ	23.5614, 30.4991, 42.1812
YIQ	138.8780, -49.9270, -14.7830

# Conversions

## Conversions Part 2

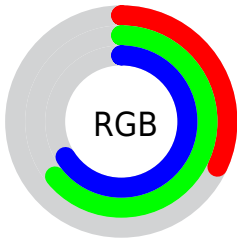
Format	Color
R <sub>Y</sub> B	82, 124, 169
Decimal	5415593
CIE Lab	62.08, -22.47, -11.17
CIE LCh	62, 25.094, 206.438
Yxy	30.4991, 0.2448, 0.3169
Android (android.graphics.Color)	4283605673 (0xFF52A2A9)
YUV	138.8780, 14.8501, -49.8820
Hunter-Lab	55.2260, -20.4907, -6.6271

# Details

The Hex color **52A2A9** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A95952**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **8AD9E0**, and **106E75** is the 20% darker color. If you saturate the color by 10%, you get **41A1A9**, and if you desaturate by 10%, it is **63A3A9**.

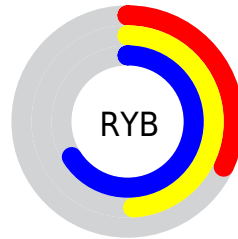
# Distribution



Red (32%)

Green (64%)

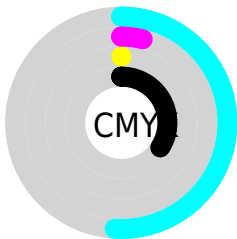
Blue (66%)



Red (32%)

Yellow (49%)

Blue (66%)

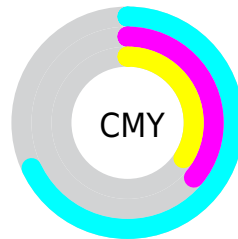


Cyan (51%)

Magenta (4%)

Yellow (0%)

Black (34%)



Cyan (68%)

Magenta (36%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52A2A9 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 52A2A9 by changing the saturation by 10% instead.



52A2A9

52A2A9

FFFFFF

35888F

8AD9E0

106E75

A6F6FD

00555C

C3FFFF

003E45

E0FFFF

00282F

FDFFFF

000F1A

000000

52A2A9

52A2A9

41A1A9

63A3A9

■ 309FA9

■ 74A5A9

■ 1F9EA9

■ 85A6A9

■ 0E9DA9

■ 96A7A9

■ 009BA9

■ A6A9A9

■ B7AAA9

■ C8ACA9

■ D9ADA9

■ EAAEA9

# Harmonies

## Analogous

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



60A292



52A2A9



5B9FBA

# Triad

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



52A2A9



B08AAF



A9946A

# Complementary

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



52A2A9



A95952

# 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.



BA8C72



52A2A9



C0869A

# Square

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



52A2A9



9691BE



C38783



919B6E

# Rectangle

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



52A2A9



6C9BC1



C38783



AF916B



# Sweetspot

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



52A2A9



BAD9DB



52A958



5A6C6E



EDEDED



6E6E6E



# Same Dimension

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



52A2A9



53D0DB



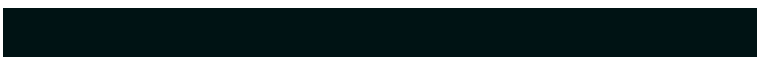
5278A9



4C5354



008894



001314



# Inverse Universe

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



A952A2



DB53D0



A98352



544C53



940088



140013



# Previews

## White Background



This preview shows how the Hex color 52A2A9 looks on a white background.

## Color Contrast Check

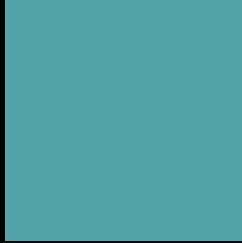
Large Text (above 18pt) WCAG AA × Fail

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 52A2A9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

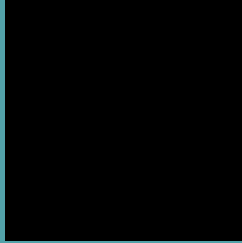
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 52A2A9 Background



This preview shows how black text looks on a background with the Hex color 52A2A9.

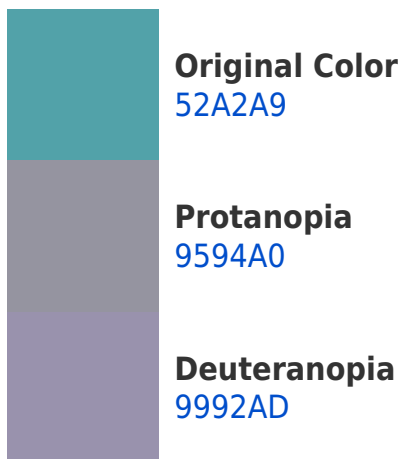


This preview shows how white text looks on a background with the Hex color 52A2A9.

# 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](#).

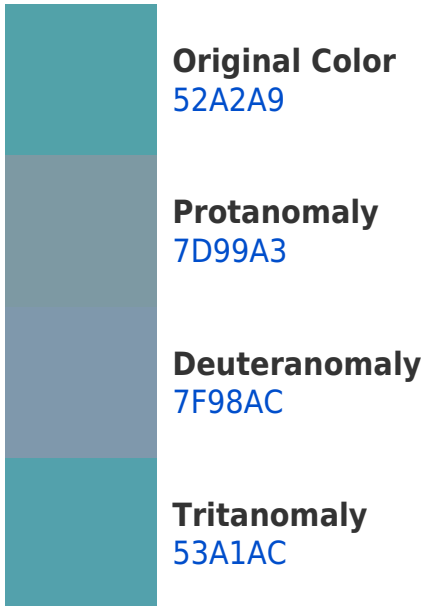
## Dichromacy



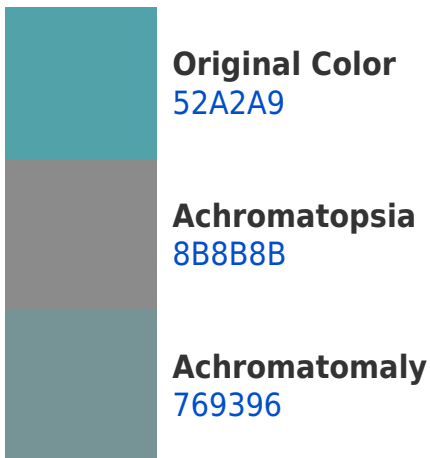


**Tritanopia**  
54A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52A2A9 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 #52A2A9 looks like.

```
.text, #text, p{  
    color:#52A2A9  
}
```

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 #52A2A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52A2A9
}
```

## Border

The CSS property to change the border of an element to Hex 52A2A9 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
#52A2A9 }
```

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

```
.border{ border-color:#52A2A9 }
```

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

Here you see how a box with a 4 pixel #52A2A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52A2A9; -webkit-box-shadow:4px 4px  
4px 4px #52A2A9; box-shadow:4px 4px 4px  
4px #52A2A9 }
```

# Background

The CSS property to change the background color of an element to Hex 52A2A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52A2A9 }
```

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

```
.background{ background-color:#52A2A9 }
```

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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