

# Converting Colors

Hex(44A6A9)

Have a look what the booklet for  
Hex(44A6A9) contains.

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**Color**

**Hex(44A6A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44A6A9
RGB	68, 166, 169
RGB Percent	27%, 65%, 66%
CMY	0.7333, 0.3490, 0.3373
CMYK	0.60, 0.02, 0.00, 0.34
HSL	182°, 43%, 46%
HSV	182°, 60%, 66%
XYZ	23.1815, 31.3660, 42.3686
YIQ	137.0400, -59.3710, -19.8430

# Conversions

## Conversions Part 2

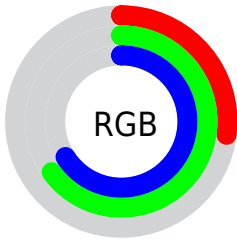
Format	Color
R <sub>Y</sub> B	68, 118, 169
Decimal	4499113
CIE Lab	62.82, -27.33, -10.12
CIE LCh	63, 29.141, 200.330
Yxy	31.3660, 0.2392, 0.3236
Android (android.graphics.Color)	4282689193 (0xFF44A6A9)
YUV	137.0400, 15.7563, -60.5481
Hunter-Lab	56.0053, -24.1251, -5.6497

# Details

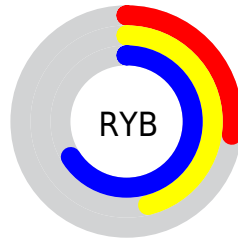
The Hex color **44A6A9** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A94744**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **7FDDE0**, and **007275** is the 20% darker color. If you saturate the color by 10%, you get **33A5A9**, and if you desaturate by 10%, it is **55A7A9**.

# Distribution



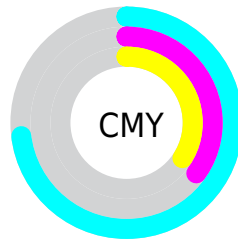
- Red (27%)
- Green (65%)
- Blue (66%)



- Red (27%)
- Yellow (46%)
- Blue (66%)



- Cyan (60%)
- Magenta (2%)
- Yellow (0%)
- Black (34%)



- Cyan (73%)
- Magenta (35%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44A6A9 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 44A6A9 by changing the saturation by 10% instead.





44A6A9



44A6A9

FFFFFF



218B8F



7FDDE0



007275



9BFAFD



00595C



B8FFFF



004145



D6FFFF



002A2F



F3FFFF



00131A



000000



44A6A9



44A6A9



33A5A9



55A7A9

■ 22A5A9

■ 66A7A9

■ 11A4A9

■ 77A8A9

■ 00A4A9

■ 88A8A9

■ 98A9A9

■ A9A9A9

■ BAAAA9

■ CBAAA9

■ DCABA9

# Harmonies

## Analogous

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



5CA68E



44A6A9



48A3BF

# Triad

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



44A6A9



B18BB9



B29365

# Complementary

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



44A6A9



A94744

# 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.



C48B71



44A6A9



C585A1

# Square

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



44A6A9



9094C8



CC8587



989C67

# Rectangle

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



44A6A9



5C9FC8



CC8587



B99068



# Sweetspot

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



44A6A9



B4DADB



44A946



566D6E



EDEDED



6E6E6E



# Same Dimension

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



44A6A9



3DD7DB



4475A9



4C5454



009094



001414



# Inverse Universe

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



A944A6



DB3DD7



A97844



544C54



940090

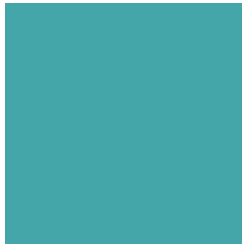


140014



# Previews

## White Background



This preview shows how the Hex color 44A6A9 looks on a white background.

## Color Contrast Check

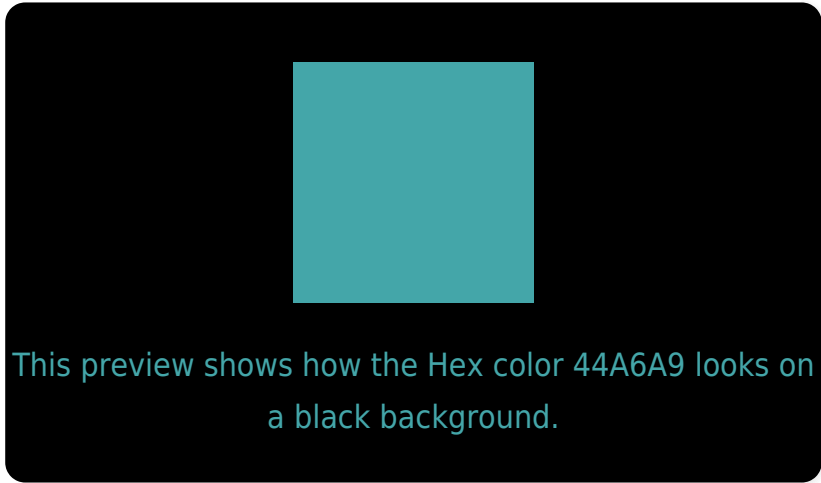
Large Text (above 18pt) WCAG AA × Fail

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

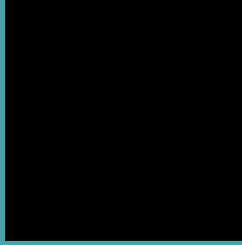
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 44A6A9 Background



This preview shows how black text looks on a background with the Hex color 44A6A9.

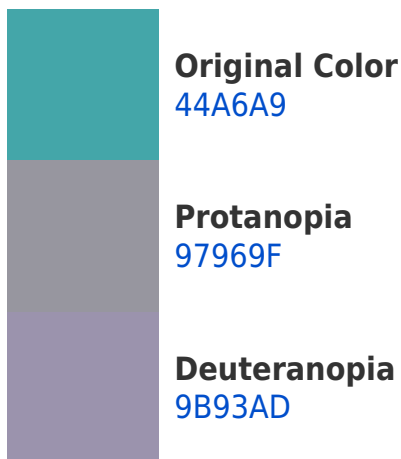


This preview shows how white text looks on a background with the Hex color 44A6A9.

# 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**  
48A5B2

# Trichromacy



**Original Color**  
44A6A9



**Protanomaly**  
799CA3



**Deuteranomaly**  
7B9AAC



**Tritanomaly**  
47A5AF

# Monochromacy



**Original Color**  
44A6A9



**Achromatopsia**  
898989



**Achromatomaly**  
709495

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44A6A9 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 #44A6A9 looks like.

```
.text, #text, p{  
    color:#44A6A9  
}
```

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 #44A6A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44A6A9
}
```

## Border

The CSS property to change the border of an element to Hex 44A6A9 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
#44A6A9 }
```

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

```
.border{ border-color:#44A6A9 }
```

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

Here you see how a box with a 4 pixel #44A6A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44A6A9; -webkit-box-shadow:4px 4px  
4px 4px #44A6A9; box-shadow:4px 4px 4px  
4px #44A6A9 }
```

# Background

The CSS property to change the background color of an element to Hex 44A6A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44A6A9 }
```

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

```
.background{ background-color:#44A6A9 }
```

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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