

# Converting Colors

Hex(40A9BF)

Have a look what the booklet for  
Hex(40A9BF) contains.

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# **Color**

**Hex(40A9BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40A9BF
RGB	64, 169, 191
RGB Percent	25%, 66%, 75%
CMY	0.7490, 0.3373, 0.2510
CMYK	0.66, 0.12, 0.00, 0.25
HSL	190°, 50%, 50%
HSV	190°, 66%, 75%
XYZ	25.7063, 33.2275, 54.3489
YIQ	140.1130, -69.6420, -15.4180

# Conversions

## Conversions Part 2

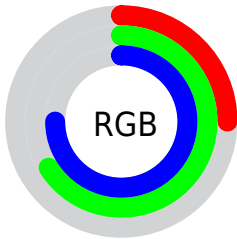
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 121, 191
Decimal	4237759
CIELab	64.34, -22.97, -20.12
CIELCh	64, 30.535, 221.228
Yxy	33.2275, 0.2269, 0.2933
Android (android.graphics.Color)	4282427839 (0xFF40A9BF)
YUV	140.1130, 25.0873, -66.7511
Hunter-Lab	57.6433, -21.2729, -15.5512

# Details

The Hex color **40A9BF** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BF5640**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **7EE0F7**, and **00758A** is the 20% darker color. If you saturate the color by 10%, you get **2DA6BF**, and if you desaturate by 10%, it is **53ACBF**.

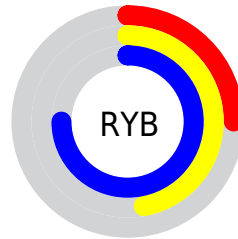
# Distribution



Red (25%)

Green (66%)

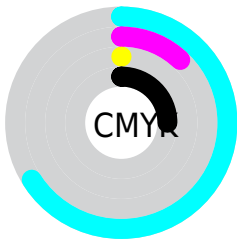
Blue (75%)



Red (25%)

Yellow (47%)

Blue (75%)

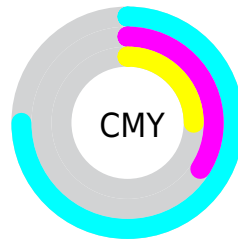


Cyan (66%)

Magenta (12%)

Yellow (0%)

Black (25%)



Cyan (75%)

Magenta (34%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40A9BF 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 40A9BF by changing the saturation by 10% instead.



 40A9BF

 40A9BF

FFFFFF

 158EA4

 7EE0F7

 00758A

 9CFDFF

 005C70

 B9FFFF

 004458

 D7FFFF

 002D40

 F5FFFF

 00192A

 000115

 000000

 40A9BF

 40A9BF

■ 2DA6BF

■ 53ACBF

■ 1AA2BF

■ 66B0BF

■ 079FBF

■ 79B3BF

■ 009EBF

■ 8CB6BF

■ A0BABF

■ B3BDBF

■ C6C0BF

■ D9C3BF

■ ECC7BF

# Harmonies

## Analogous

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



48ABA6



40A9BF



5DA4CF

# Triad

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



40A9BF



C78AAE



A59E66

# Complementary

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



40A9BF



BF5640

# 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.



BE9469



40A9BF



D28793

# Square

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



40A9BF



AD91C5



CE8C79



86A572

# Rectangle

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



40A9BF



799ED2



CE8C79



AE9B65



# Sweetspot

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



40A9BF



C6EFF7



40BF55



5F787D



FCFCFC



7D7D7D



# Same Dimension

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



40A9BF



31D5F7



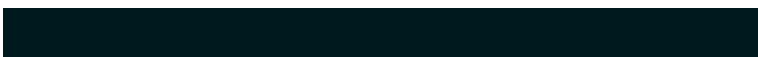
406ABF



555D5E



00839E



00191F



# Inverse Universe

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



BF40A9



F731D5



BF9540



5E555D



9E0083



1F0019



# Previews

## White Background



This preview shows how the Hex color 40A9BF looks on a white background.

## Color Contrast Check

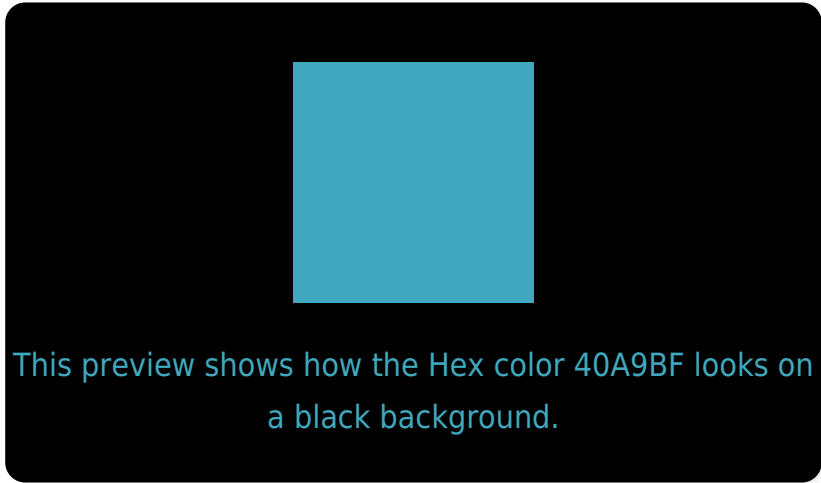
Large Text (above 18pt) WCAG AA × Fail

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

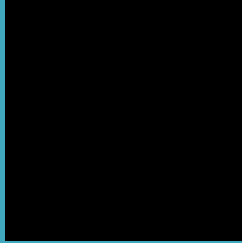
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 40A9BF Background



This preview shows how black text looks on a background with the Hex color 40A9BF.

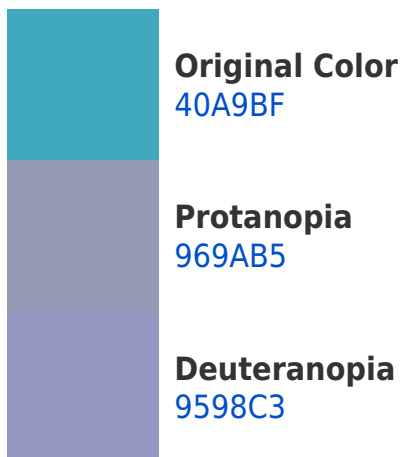


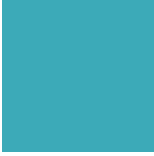
This preview shows how white text looks on a background with the Hex color 40A9BF.

# Color Blindness Simulation

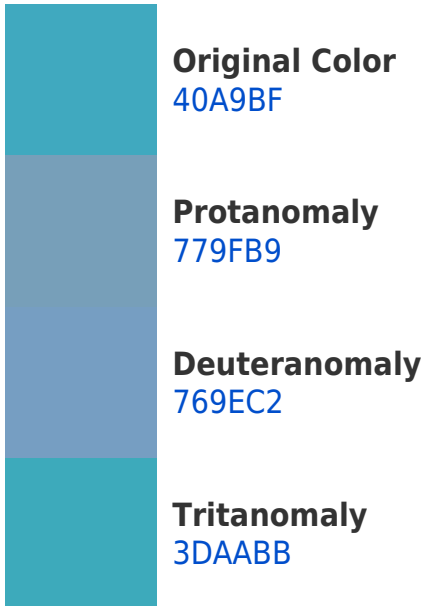
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

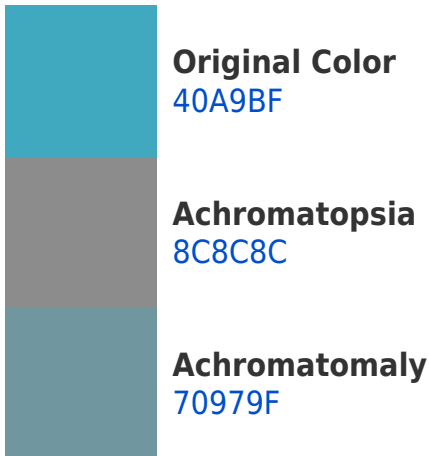




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40A9BF 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 #40A9BF looks like.

```
.text, #text, p{  
    color:#40A9BF  
}
```

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 #40A9BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40A9BF
}
```

## Border

The CSS property to change the border of an element to Hex 40A9BF 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
#40A9BF }
```

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

```
.border{ border-color:#40A9BF }
```

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

Here you see how a box with a 4 pixel #40A9BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40A9BF; -webkit-box-shadow:4px 4px  
4px 4px #40A9BF; box-shadow:4px 4px 4px  
4px #40A9BF }
```

# Background

The CSS property to change the background color of an element to Hex 40A9BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40A9BF }
```

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

```
.background{ background-color:#40A9BF }
```

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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