

# Converting Colors

Hex(44ABC2)

Have a look what the booklet for  
Hex(44ABC2) contains.

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# **Color**

**Hex(44ABC2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44ABC2
RGB	68, 171, 194
RGB Percent	27%, 67%, 76%
CMY	0.7333, 0.3294, 0.2392
CMYK	0.65, 0.12, 0.00, 0.24
HSL	191°, 51%, 51%
HSV	191°, 65%, 76%
XYZ	26.6844, 34.2498, 56.2434
YIQ	142.8250, -68.7710, -14.6830

# Conversions

## Conversions Part 2

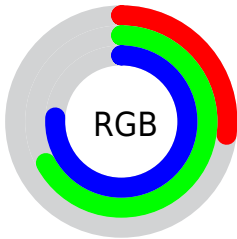
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	68, 125, 194
Decimal	4500418
CIELab	65.16, -22.43, -20.54
CIELCh	65, 30.415, 222.481
Yxy	34.2498, 0.2277, 0.2923
Android (android.graphics.Color)	4282690498 (0xFF44ABC2)
YUV	142.8250, 25.2293, -65.6215
Hunter-Lab	58.5233, -21.0266, -16.0139

# Details

The Hex color **44ABC2** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **C25B44**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **81E3FB**, and **00778C** is the 20% darker color. If you saturate the color by 10%, you get **31A7C2**, and if you desaturate by 10%, it is **57AFC2**.

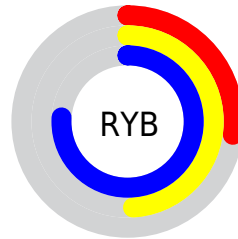
# Distribution



Red (27%)

Green (67%)

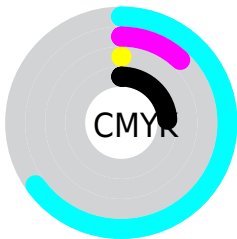
Blue (76%)



Red (27%)

Yellow (49%)

Blue (76%)

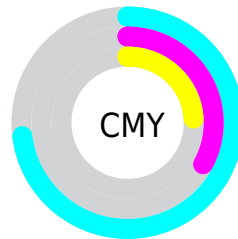


Cyan (65%)

Magenta (12%)

Yellow (0%)

Black (24%)



Cyan (73%)

Magenta (33%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44ABC2 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 44ABC2 by changing the saturation by 10% instead.



 44ABC2

 44ABC2

FFFFFF

 1C90A7

 81E3FB

 00778C

 9FFFFFFF

 005E73

 BCFFFF

 00465A

 DAFFFF

 002F43

 F8FFFF

 001C2C

 000118

 000000

 44ABC2

 44ABC2

■ 31A7C2

■ 57AFC2

■ 1DA4C2

■ 6BB2C2

■ 0AA0C2

■ 7EB6C2

■ 009FC2

■ 92B9C2

■ A5BDC2

■ B8C0C2

■ CCC4C2

■ DFC7C2

■ F3CBC2

# Harmonies

## Analogous

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



4AADA9



44ABC2



61A5D1

# Triad

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



44ABC2



CA8CAF



A6A069

# Complementary

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



44ABC2



C25B44

# 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.



BF976B



44ABC2



D48A94

# Square

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



44ABC2



B093C6



D08E7B



87A775

# Rectangle

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



44ABC2



7DA0D4



D08E7B



AF9D68

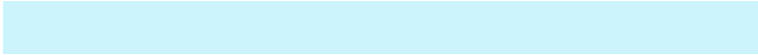


# Sweetspot

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



44ABC2



CCF4FC



44C259



627A80



000000



808080



# Same Dimension

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



44ABC2



38D9FC



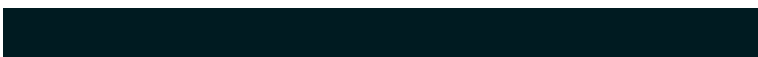
446EC2



575F61



0083A1



001B21



# Inverse Universe

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



C244AB



FC38D9



C29844



61575F



A10083



21001B



# Previews

## White Background



This preview shows how the Hex color 44ABC2 looks on a white background.

## Color Contrast Check

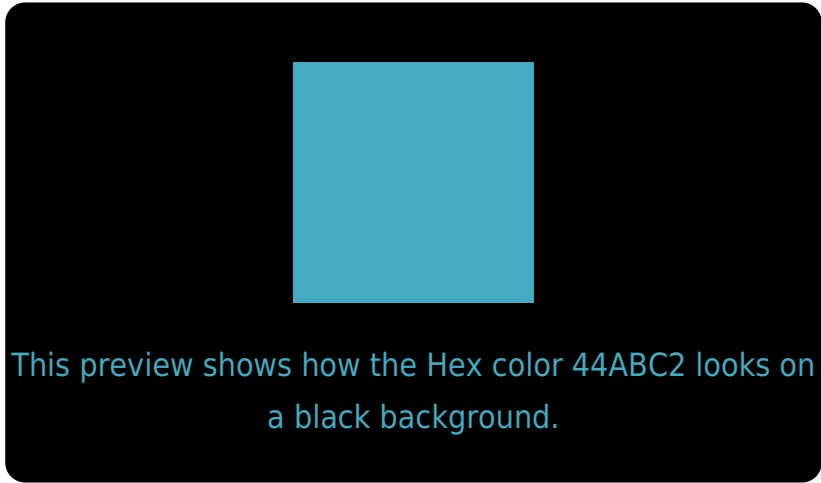
Large Text (above 18pt) WCAG AA × Fail

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

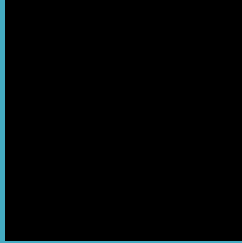
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 44ABC2 Background



This preview shows how black text looks on a background with the Hex color 44ABC2.

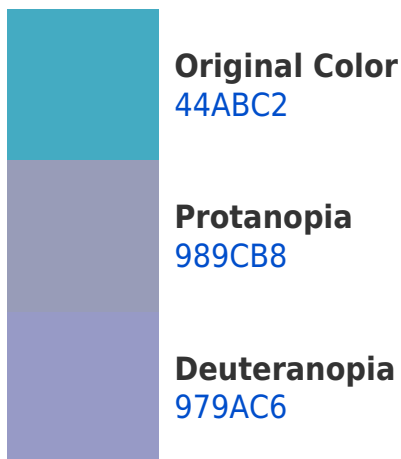


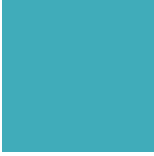
This preview shows how white text looks on a background with the Hex color 44ABC2.

# 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](#).

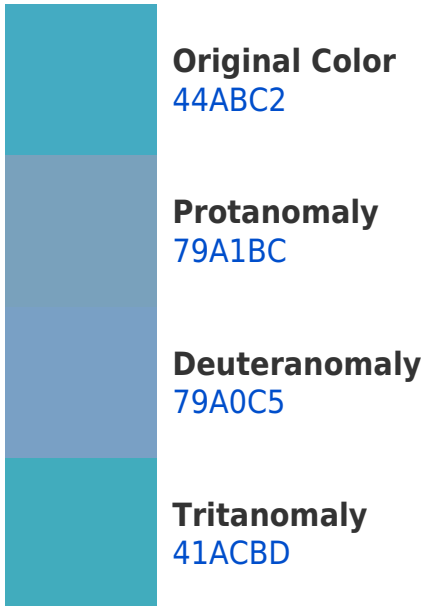
## Dichromacy



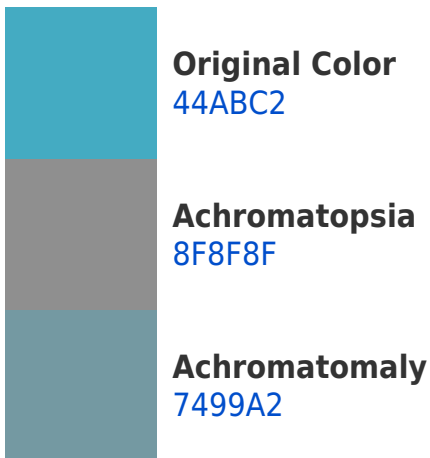


**Tritanopia**  
40ACBA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44ABC2 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 #44ABC2 looks like.

```
.text, #text, p{  
    color:#44ABC2  
}
```

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 #44ABC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44ABC2  
}
```

## Border

The CSS property to change the border of an element to Hex 44ABC2 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  
#44ABC2 }
```

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

```
.border{ border-color:#44ABC2 }
```

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

Here you see how a box with a 4 pixel #44ABC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44ABC2; -webkit-box-shadow:4px 4px  
4px 4px #44ABC2; box-shadow:4px 4px 4px  
4px #44ABC2 }
```

# Background

The CSS property to change the background color of an element to Hex 44ABC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44ABC2 }
```

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

```
.background{ background-color:#44ABC2 }
```

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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