

# Converting Colors

Hex(44B2B2)

Have a look what the booklet for  
Hex(44B2B2) contains.

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**Color**

**Hex(44B2B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44B2B2
RGB	68, 178, 178
RGB Percent	27%, 70%, 70%
CMY	0.7333, 0.3020, 0.3020
CMYK	0.62, 0.00, 0.00, 0.30
HSL	180°, 45%, 48%
HSV	180°, 62%, 70%
XYZ	26.3402, 36.2841, 47.7347
YIQ	145.1100, -65.5600, -23.3200

# Conversions

## Conversions Part 2

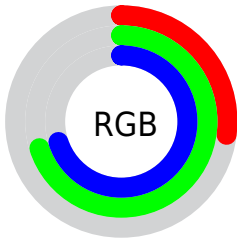
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 123, 178
Decimal	4502194
CIELab	66.74, -30.64, -9.28
CIELCh	67, 32.014, 196.860
Yxy	36.2841, 0.2387, 0.3288
Android (android.graphics.Color)	4282692274 (0xFF44B2B2)
YUV	145.1100, 16.2148, -67.6255
Hunter-Lab	60.2363, -27.3588, -4.8195

# Details

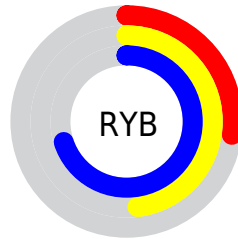
The Hex color **44B2B2** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B24444**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **81EAEA**, and **007D7D** is the 20% darker color. If you saturate the color by 10%, you get **32B2B2**, and if you desaturate by 10%, it is **56B2B2**.

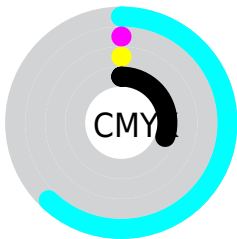
# Distribution



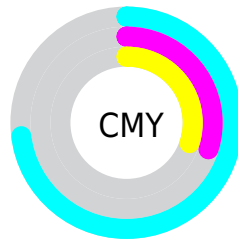
- Red (27%)
- Green (70%)
- Blue (70%)



- Red (27%)
- Yellow (48%)
- Blue (70%)



- Cyan (62%)
- Magenta (0%)
- Yellow (0%)
- Black (30%)



- Cyan (73%)
- Magenta (30%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44B2B2 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 44B2B2 by changing the saturation by 10% instead.





44B2B2



44B2B2

FFFFFF



1E9797



81EAEA



007D7D



9EFFFF



006365



BBFFFF



004B4D



D9FFFF



003436



F7FFFF



002021



000009



000000



44B2B2



44B2B2

■ 32B2B2

■ 56B2B2

■ 20B2B2

■ 68B2B2

■ 0FB2B2

■ 79B2B2

■ 00B2B2

■ 8BB2B2

■ 9DB2B2

■ AFB2B2

■ C1B2B2

■ D2B2B2

■ E4B2B2

# Harmonies

## Analogous

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



62B194



44B2B2



43AFCB

# Triad

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



44B2B2



BA95CA



C19C6B

# Complementary

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



44B2B2



B24444

# 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.



D5937A



44B2B2



D38EB0

# Square

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



44B2B2



949FD9



DC8D93



A6A66B

# Rectangle

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



44B2B2



59ABD7



DC8D93



C9996E



# Sweetspot

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



44B2B2



BCE8E8



44B244



5A7575



F5F5F5



757575



# Same Dimension

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



44B2B2



3CE8E8



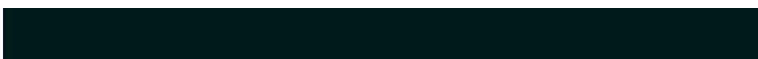
447BB2



505959



009999



001A1A



# Inverse Universe

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



B244B2



E83CE8



B27B44



595059



990099

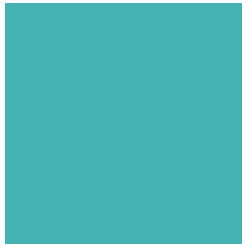


1A001A



# Previews

## White Background



This preview shows how the Hex color 44B2B2 looks on a white background.

## Color Contrast Check

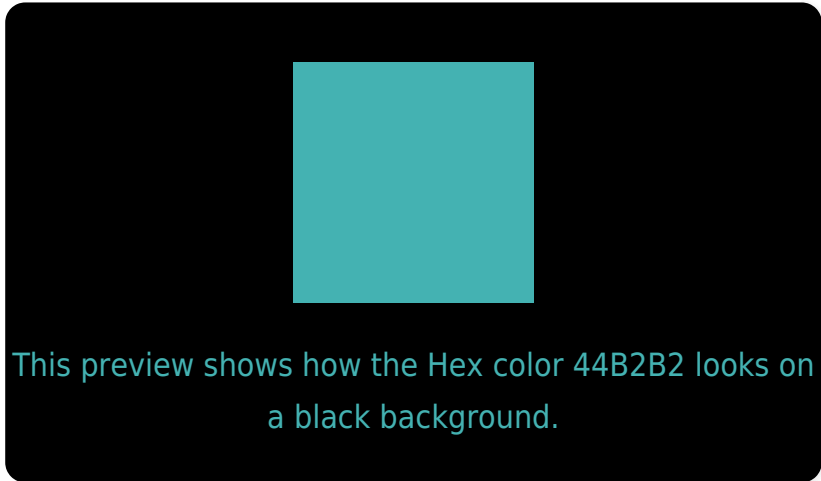
Large Text (above 18pt) WCAG AA × Fail

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

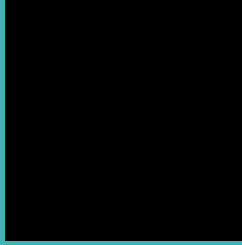
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

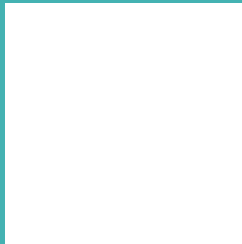
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 44B2B2 Background



This preview shows how black text looks on a background with the Hex color 44B2B2.

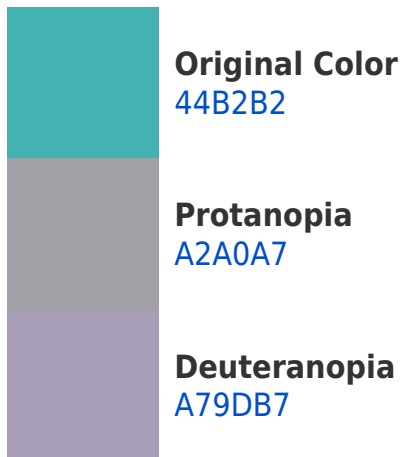


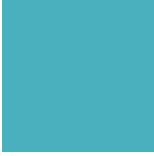
This preview shows how white text looks on a background with the Hex color 44B2B2.

# Color Blindness Simulation

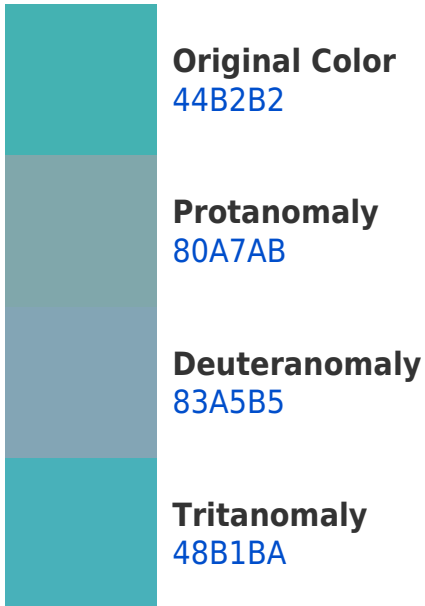
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44B2B2 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 #44B2B2 looks like.

```
.text, #text, p{  
    color:#44B2B2  
}
```

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 #44B2B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44B2B2
}
```

## Border

The CSS property to change the border of an element to Hex 44B2B2 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
#44B2B2 }
```

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

```
.border{ border-color:#44B2B2 }
```

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

Here you see how a box with a 4 pixel #44B2B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44B2B2; -webkit-box-shadow:4px 4px  
4px 4px #44B2B2; box-shadow:4px 4px 4px  
4px #44B2B2 }
```

# Background

The CSS property to change the background color of an element to Hex 44B2B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44B2B2 }
```

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

```
.background{ background-color:#44B2B2 }
```

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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