

# Converting Colors

Hex(44B18C)

Have a look what the booklet for  
Hex(44B18C) contains.

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**Color**

**Hex(44B18C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44B18C
RGB	68, 177, 140
RGB Percent	27%, 69%, 55%
CMY	0.7333, 0.3059, 0.4510
CMYK	0.62, 0.00, 0.21, 0.31
HSL	160°, 44%, 48%
HSV	160°, 62%, 69%
XYZ	22.8397, 34.5667, 30.2792
YIQ	140.1910, -53.0870, -34.6150

# Conversions

## Conversions Part 2

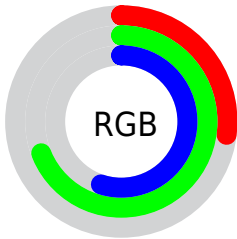
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 134, 177
Decimal	4501900
CIELab	65.41, -40.05, 9.82
CIElCh	65, 41.238, 166.227
Yxy	34.5667, 0.2605, 0.3942
Android (android.graphics.Color)	4282691980 (0xFF44B18C)
YUV	140.1910, -0.0942, -63.3115
Hunter-Lab	58.7934, -33.5461, 10.6205

# Details

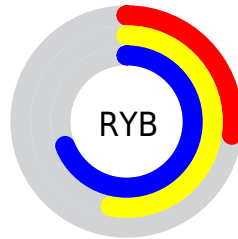
The Hex color **44B18C** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B14469**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **7EE9C2**, and **007B5A** is the 20% darker color. If you saturate the color by 10%, you get **32B186**, and if you desaturate by 10%, it is **56B192**.

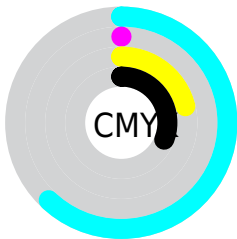
# Distribution



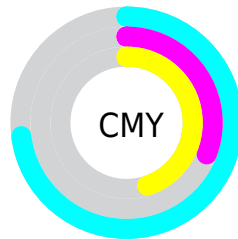
- Red (27%)
- Green (69%)
- Blue (55%)



- Red (27%)
- Yellow (53%)
- Blue (69%)



- Cyan (62%)
- Magenta (0%)
- Yellow (21%)
- Black (31%)



- Cyan (73%)
- Magenta (31%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44B18C 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 44B18C by changing the saturation by 10% instead.



 44B18C

 44B18C

FFFFFF

 229672

 7EE9C2

 007B5A

 9BFFDD

 006242

 B8FFFA

 00492C

 D5FFFF

 003217

 F3FFFF

 001B00

 000000

 44B18C

 44B18C

 32B186

 56B192

 21B180

 67B198

 0FB17A

 79B19E

 00B175

 8BB1A4

 9DB1AA

 AEB1B0

 C0B1B6

 D2B1BC

 E3B1C2

# Harmonies

## Analogous

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



79AC6A



44B18C



00B2B2

# Triad

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



44B18C



889CE6



DD8A6B

# Complementary

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



44B18C



B14469

# 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.



E6828C



44B18C



BC8ED2

# Square

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



44B18C



3EA8E6



DB83B1



C59757

# Rectangle

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



44B18C



00B1C9



DB83B1



E28675



# Sweetspot

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



44B18C



BCE6D7



6AB144



5A736A



F2F2F2



737373



# Same Dimension

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



44B18C



3CE6AC



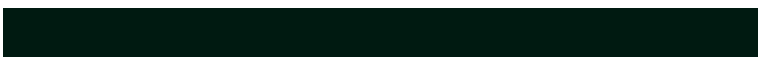
44A1B1



505956



009965



001A11



# Inverse Universe

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



B14469



E63C75



B15444



595053



990034

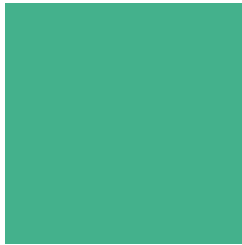


1A0009



# Previews

## White Background



This preview shows how the Hex color 44B18C looks on a white background.

## Color Contrast Check

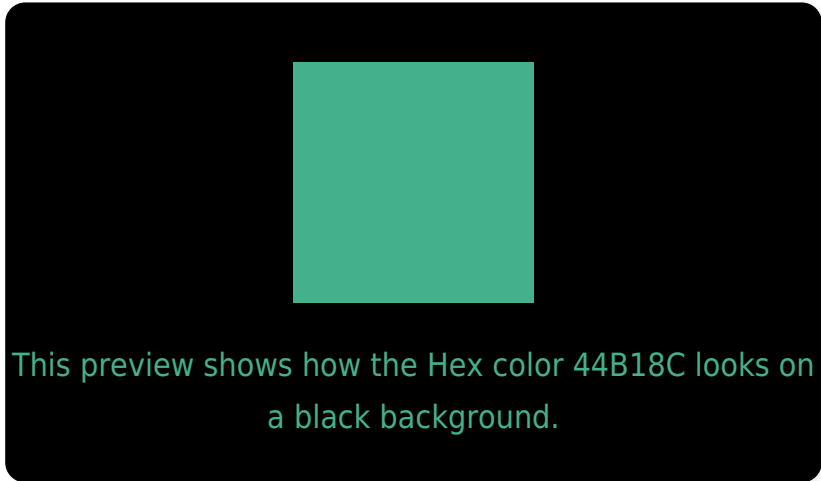
Large Text (above 18pt) WCAG AA × Fail

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

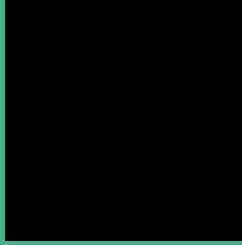
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 44B18C Background



This preview shows how black text looks on a background with the Hex color 44B18C.

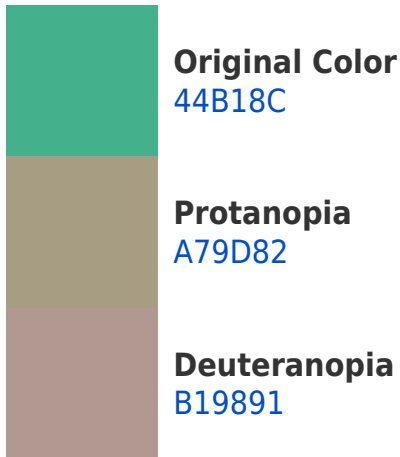


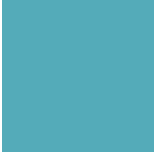
This preview shows how white text looks on a background with the Hex color 44B18C.

# 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](#).

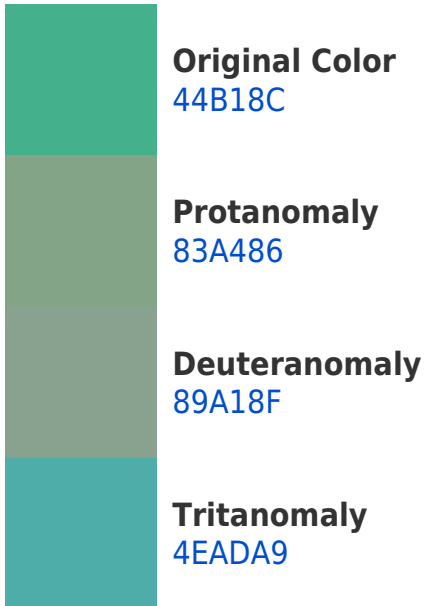
## Dichromacy



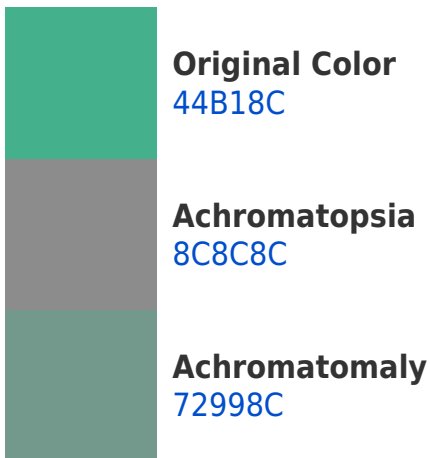


**Tritanopia**  
54ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44B18C 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 #44B18C looks like.

```
.text, #text, p{  
    color:#44B18C  
}
```

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 #44B18C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44B18C
}
```

## Border

The CSS property to change the border of an element to Hex 44B18C 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
#44B18C }
```

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

```
.border{ border-color:#44B18C }
```

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

Here you see how a box with a 4 pixel #44B18C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44B18C; -webkit-box-shadow:4px 4px  
4px 4px #44B18C; box-shadow:4px 4px 4px  
4px #44B18C }
```

# Background

The CSS property to change the background color of an element to Hex 44B18C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44B18C }
```

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

```
.background{ background-color:#44B18C }
```

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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