

# Converting Colors

Hex(44C892)

Have a look what the booklet for  
Hex(44C892) contains.

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# Color

Hex(44C892)

# Conversions

## Conversions Part 1

Format	Color
Hex	44C892
RGB	68, 200, 146
RGB Percent	27%, 78%, 57%
CMY	0.7333, 0.2157, 0.4275
CMYK	0.66, 0.00, 0.27, 0.22
HSL	155°, 55%, 53%
HSV	155°, 66%, 78%
XYZ	28.2265, 44.6128, 34.3176
YIQ	154.3760, -61.3380, -44.7780

# Conversions

## Conversions Part 2

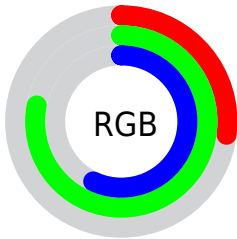
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 151, 200
Decimal	4507794
CIELab	72.64, -48.47, 16.71
CIELCh	73, 51.266, 160.973
Yxy	44.6128, 0.2634, 0.4163
Android (android.graphics.Color)	4282697874 (0xFF44C892)
YUV	154.3760, -4.1294, -75.7518
Hunter-Lab	66.7928, -41.4538, 16.2923

# Details

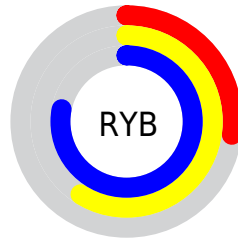
The Hex color **44C892** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C8447A**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **82FFC8**, and **00915F** is the 20% darker color. If you saturate the color by 10%, you get **30C88A**, and if you desaturate by 10%, it is **58C89A**.

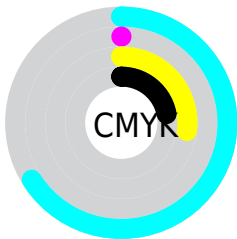
# Distribution



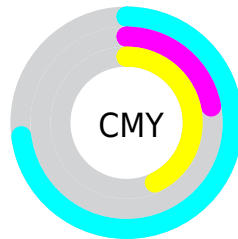
- Red (27%)
- Green (78%)
- Blue (57%)



- Red (27%)
- Yellow (59%)
- Blue (78%)



- Cyan (66%)
- Magenta (0%)
- Yellow (27%)
- Black (22%)



- Cyan (73%)
- Magenta (22%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44C892 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 44C892 by changing the saturation by 10% instead.





44C892



44C892

FFFFFF



1BAC78



82FFC8



00915F



A0FFE4



007747



BDFFFF



005D31



DBFFFF



00441B



F9FFFF



002E03



001100



000000



44C892



44C892

 30C88A

 58C89A

 1CC882

 6CC8A2

 08C879

 80C8AB

 00C876

 94C8B3

 A8C8BB

 BCC8C3

 D0C8CB

 E4C8D3

 F8C8DC

# Harmonies

## Analogous

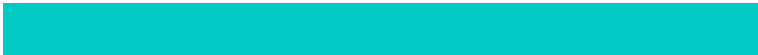
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8AC169



44C892



00CAC3

# Triad

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



44C892



83B1FF



FF9477

# Complementary

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



44C892



C8447A

# 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.



FF8BA3



44C892



CC9FF9

# Square

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



44C892



00BFFF



F98FD2



E7A559

# Rectangle

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



44C892



00C9E1



F98FD2



FF9084

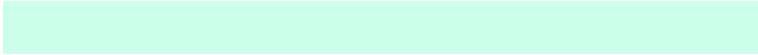


# Sweetspot

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



44C892



CCFFEA



7BC844



618073



000000



808080



# Same Dimension

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



44C892



36FFAD



44BDC8



5A635F



00A360



002415



# Inverse Universe

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



C8447A



FF3688



C84F44



635A5E



A30043

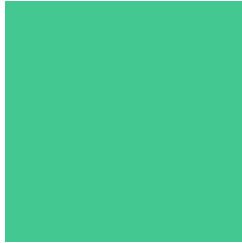


24000F



# Previews

## White Background



This preview shows how the Hex color 44C892 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



This preview shows how the Hex color 44C892 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

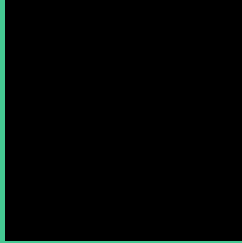
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 44C892 Background



This preview shows how black text looks on a background with the Hex color 44C892.

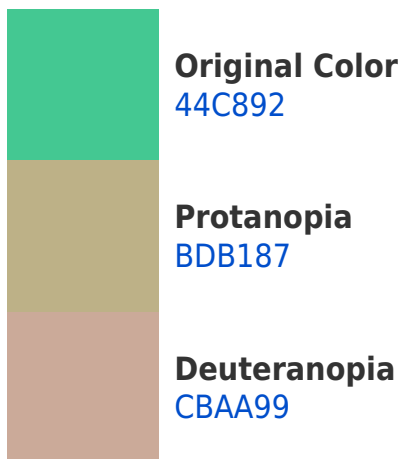


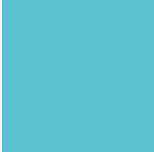
This preview shows how white text looks on a background with the Hex color 44C892.

# 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**  
5BC0D0

# Trichromacy



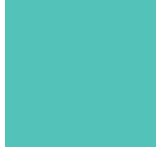
**Original Color**  
44C892



**Protanomaly**  
91B98B



**Deuteranomaly**  
9AB596

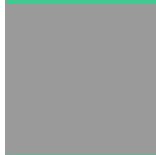


**Tritanomaly**  
53C3B9

# Monochromacy



**Original Color**  
44C892



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
7BAB97

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44C892 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 #44C892 looks like.

```
.text, #text, p{  
    color:#44C892  
}
```

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 #44C892 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44C892
}
```

## Border

The CSS property to change the border of an element to Hex 44C892 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
#44C892 }
```

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

```
.border{ border-color:#44C892 }
```

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

Here you see how a box with a 4 pixel #44C892 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44C892; -webkit-box-shadow:4px 4px  
4px 4px #44C892; box-shadow:4px 4px 4px  
4px #44C892 }
```

# Background

The CSS property to change the background color of an element to Hex 44C892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44C892 }
```

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

```
.background{ background-color:#44C892 }
```

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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