

# Converting Colors

Hex(44C692)

Have a look what the booklet for  
Hex(44C692) contains.

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# Color

Hex(44C692)

# Conversions

## Conversions Part 1

Format	Color
Hex	44C692
RGB	68, 198, 146
RGB Percent	27%, 78%, 57%
CMY	0.7333, 0.2235, 0.4275
CMYK	0.66, 0.00, 0.26, 0.22
HSL	156°, 53%, 52%
HSV	156°, 66%, 78%
XYZ	27.7663, 43.6924, 34.1642
YIQ	153.2020, -60.7880, -43.7320

# Conversions

## Conversions Part 2

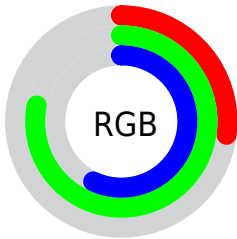
Format	Color
<a href="#">RYB</a>	<a href="#">68, 149, 198</a>
Decimal	<a href="#">4507282</a>
CIELab	<a href="#">72.02, -47.64, 15.86</a>
CIELCh	<a href="#">72, 50.213, 161.589</a>
Yxy	<a href="#">43.6924, 0.2629, 0.4137</a>
Android (android.graphics.Color)	<a href="#">4282697362 (0xFF44C692)</a>
YUV	<a href="#">153.2020, -3.5506, -74.7222</a>
Hunter-Lab	<a href="#">66.1003, -40.6942, 15.6259</a>

# Details

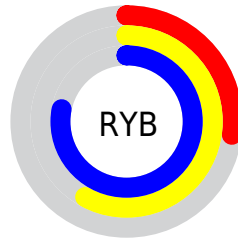
The Hex color **44C692** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C64478**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **82FFC8**, and **008F5F** is the 20% darker color. If you saturate the color by 10%, you get **30C68A**, and if you desaturate by 10%, it is **58C69A**.

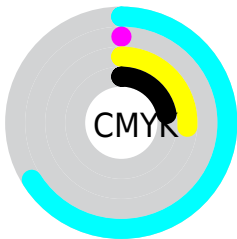
# Distribution



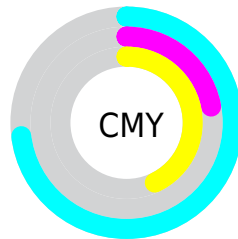
- Red (27%)
- Green (78%)
- Blue (57%)



- Red (27%)
- Yellow (58%)
- Blue (78%)



- Cyan (66%)
- Magenta (0%)
- Yellow (26%)
- Black (22%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 44C692 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 44C692 by changing the saturation by 10% instead.



 44C692

 44C692

FFFFFF

 1CAA78

 82FFC8

 008F5F

 9FFFE4

 007547

 BDFFFF

 005B31

 DBFFFF

 00421B

 F9FFFF

 002C03

 000D00

 000000

 44C692

 44C692

■ 30C68A

■ 58C69A

■ 1CC682

■ 6CC6A2

■ 09C67A

■ 7FC6AA

■ 00C677

■ 93C6B2

■ A7C6BA

■ BBC6C2

■ CFC6C9

■ E2C6D1

■ F6C6D9

# Harmonies

## Analogous

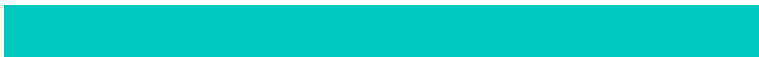
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89BF6A



44C692



00C8C1

# Triad

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



44C692



85AFFF



FF9476

# Complementary

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



44C692



C64478

# 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.



FF8AA0



44C692



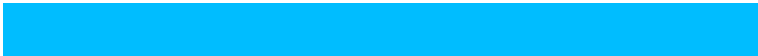
CB9EF5

# Square

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



44C692



00BDFE



F78ECF



E4A459

# Rectangle

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



44C692



00C7DF



F78ECF



FF8F83

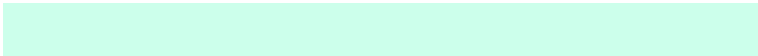


# Sweetspot

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



44C692



CCFFEB



78C644



618073



000000



808080



# Same Dimension

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



44C692



36FFAE



44B9C6



5A635F



00A362



002415



# Inverse Universe

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



C64478



FF3686



C65144



635A5D



A30041

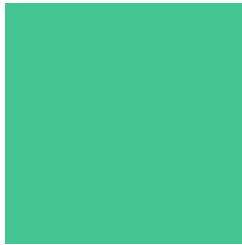


24000E



# Previews

## White Background



This preview shows how the Hex color 44C692 looks on a white background.

## Color Contrast Check

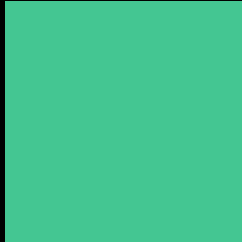
Large Text (above 18pt) WCAG AA × Fail

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 44C692 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

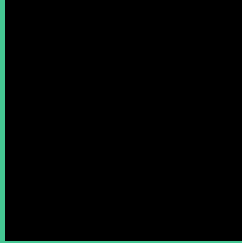
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 44C692 Background



This preview shows how black text looks on a background with the Hex color 44C692.

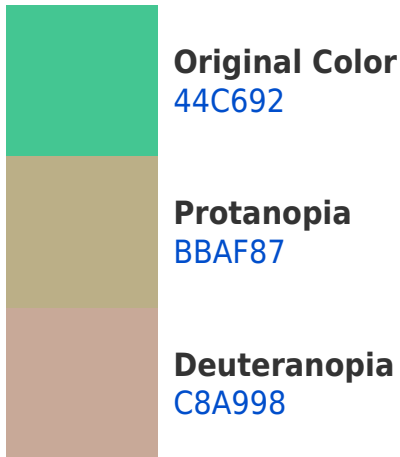


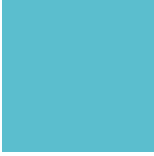
This preview shows how white text looks on a background with the Hex color 44C692.

# 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



**Original Color**  
44C692



**Protanomaly**  
90B78B



**Deuteranomaly**  
98B496



**Tritanomaly**  
53C1B8

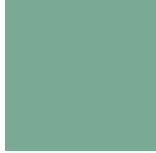
# Monochromacy



**Original Color**  
44C692



**Achromatopsia**  
999999



**Achromatomaly**  
7AA996

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44C692 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 #44C692 looks like.

```
.text, #text, p{  
    color:#44C692  
}
```

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 #44C692 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44C692
}
```

## Border

The CSS property to change the border of an element to Hex 44C692 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
#44C692 }
```

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

```
.border{ border-color:#44C692 }
```

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

Here you see how a box with a 4 pixel #44C692 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44C692; -webkit-box-shadow:4px 4px  
4px 4px #44C692; box-shadow:4px 4px 4px  
4px #44C692 }
```

# Background

The CSS property to change the background color of an element to Hex 44C692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44C692 }
```

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

```
.background{ background-color:#44C692 }
```

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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