

# Converting Colors

Hex(41C096)

Have a look what the booklet for  
Hex(41C096) contains.

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**Color**

**Hex(41C096)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41C096
RGB	65, 192, 150
RGB Percent	25%, 75%, 59%
CMY	0.7451, 0.2471, 0.4118
CMYK	0.66, 0.00, 0.22, 0.25
HSL	160°, 50%, 50%
HSV	160°, 66%, 75%
XYZ	26.5346, 41.0251, 35.3743
YIQ	149.2390, -62.2100, -39.9860

# Conversions

## Conversions Part 2

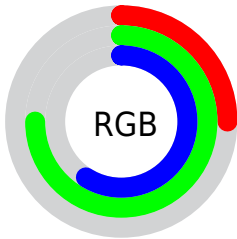
Format	Color
<a href="#">RYB</a>	<a href="#">65, 141, 192</a>
Decimal	<a href="#">4309142</a>
CIELab	<a href="#">70.19, -44.74, 11.12</a>
CIELCh	<a href="#">70, 46.100, 166.043</a>
Yxy	<a href="#">41.0251, 0.2578, 0.3986</a>
Android (android.graphics.Color)	<a href="#">4282499222 (0xFF41C096)</a>
YUV	<a href="#">149.2390, 0.3752, -73.8776</a>
Hunter-Lab	<a href="#">64.0508, -38.1410, 12.0906</a>

# Details

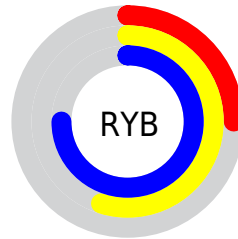
The Hex color **41C096** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C0416B**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **7FF9CC**, and **008963** is the 20% darker color. If you saturate the color by 10%, you get **2EC090**, and if you desaturate by 10%, it is **54C09C**.

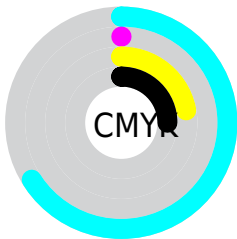
# Distribution



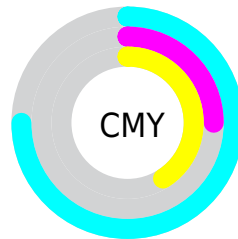
- Red (25%)
- Green (75%)
- Blue (59%)



- Red (25%)
- Yellow (55%)
- Blue (75%)



- Cyan (66%)
- Magenta (0%)
- Yellow (22%)
- Black (25%)



- Cyan (75%)
- Magenta (25%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41C096 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 41C096 by changing the saturation by 10% instead.



 41C096

 41C096

FFFFFF

 18A47C

 7FF9CC

 008963

 9CFFE8

 006F4B

 BAFFFF

 005634

 D7FFFF

 003E1F

 F5FFFF

 002908

 000100

 000000

 41C096

 41C096

■ 2EC090

■ 54C09C

■ 1BC089

■ 67C0A3

■ 07C083

■ 7BC0A9

■ 00C081

■ 8EC0AF

■ A1C0B6

■ B4C0BC

■ C7C0C2

■ DBC0C9

■ EEC0CF

# Harmonies

## Analogous

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



80BA70



41C096



00C1C1

# Triad

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



41C096



90A8FC



F29471

# Complementary

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



41C096



C0416B

# 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.



FC8A97



41C096



CC98E6

# Square

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



41C096



32B6FC



F08CC1



D6A25A

# Rectangle

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



41C096



00C0DC



F08CC1



F78F7C

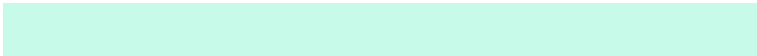


# Sweetspot

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



41C096



C8FAE9



6BC041



5F7D73



FCFCFC



7D7D7D



# Same Dimension

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



41C096



34FAB9



41ABC0



57615E



00A16C



002116



# Inverse Universe

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



C0416B



FA3476



C05641



61575A



A10035

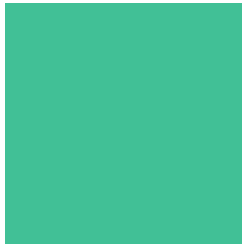


21000B



# Previews

## White Background



This preview shows how the Hex color 41C096 looks on a white background.

## Color Contrast Check

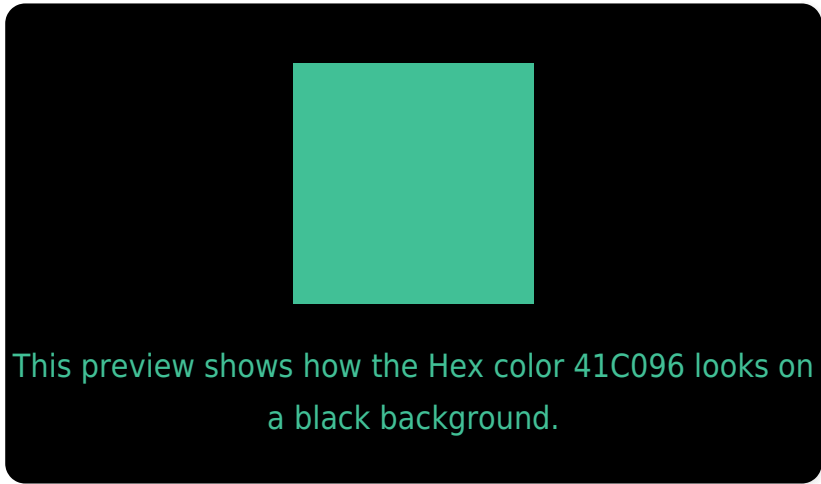
Large Text (above 18pt) WCAG AA × Fail

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

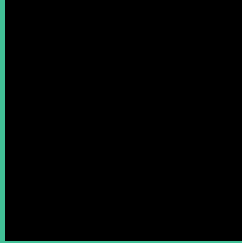
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 41C096 Background



This preview shows how black text looks on a background with the Hex color 41C096.

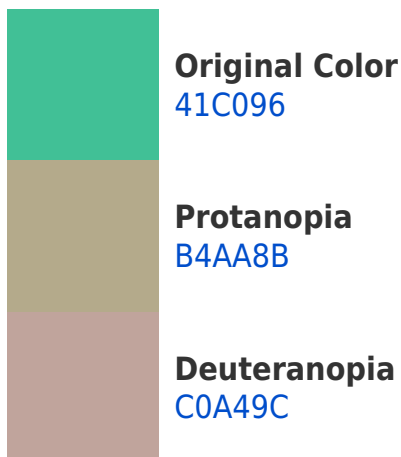


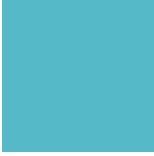
This preview shows how white text looks on a background with the Hex color 41C096.

# 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](#).

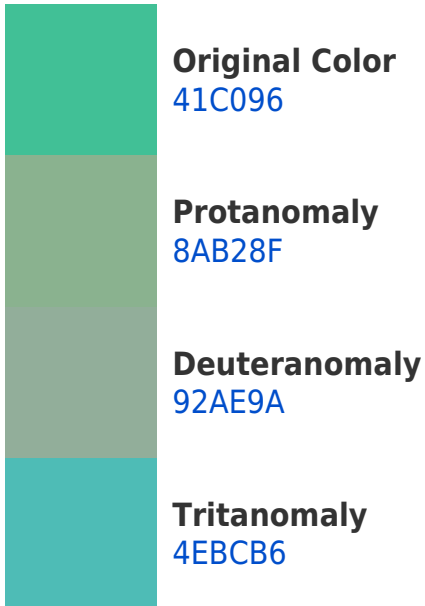
## Dichromacy



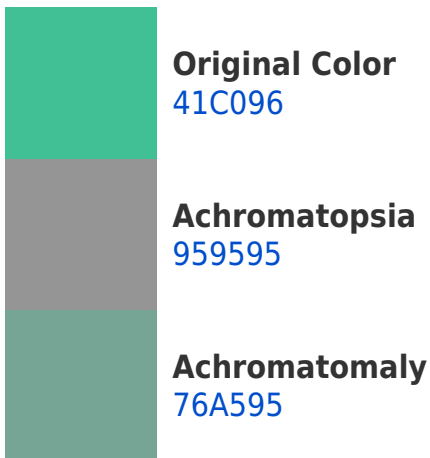


**Tritanopia**  
55B9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41C096 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 #41C096 looks like.

```
.text, #text, p{  
    color:#41C096  
}
```

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 #41C096 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41C096
}
```

## Border

The CSS property to change the border of an element to Hex 41C096 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
#41C096 }
```

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

```
.border{ border-color:#41C096 }
```

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

Here you see how a box with a 4 pixel #41C096 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41C096; -webkit-box-shadow:4px 4px  
4px 4px #41C096; box-shadow:4px 4px 4px  
4px #41C096 }
```

# Background

The CSS property to change the background color of an element to Hex 41C096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41C096 }
```

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

```
.background{ background-color:#41C096 }
```

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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