

# Converting Colors

Hex(40CFAA)

Have a look what the booklet for  
Hex(40CFAA) contains.

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# Color

**Hex(40CFAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40CFAA
RGB	64, 207, 170
RGB Percent	25%, 81%, 67%
CMY	0.7490, 0.1882, 0.3333
CMYK	0.69, 0.00, 0.18, 0.19
HSL	164°, 60%, 53%
HSV	164°, 69%, 81%
XYZ	31.6829, 48.6179, 45.7445
YIQ	160.0250, -73.3510, -41.8230

# Conversions

## Conversions Part 2

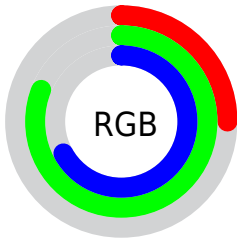
Format	Color
<a href="#">RYB</a>	<a href="#">64, 146, 207</a>
Decimal	<a href="#">4247466</a>
CIELab	<a href="#">75.21, -46.48, 7.47</a>
CIELCh	<a href="#">75, 47.074, 170.868</a>
Yxy	<a href="#">48.6179, 0.2514, 0.3857</a>
Android (android.graphics.Color)	<a href="#">4282437546 (0xFF40CFAA)</a>
YUV	<a href="#">160.0250, 4.9177, -84.2139</a>
Hunter-Lab	<a href="#">69.7265, -40.9133, 9.9110</a>

# Details

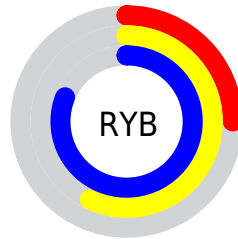
The Hex color **40CFAA** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CF4065**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **81FFE1**, and **009876** is the 20% darker color. If you saturate the color by 10%, you get **2BCFA5**, and if you desaturate by 10%, it is **55CFAF**.

# Distribution



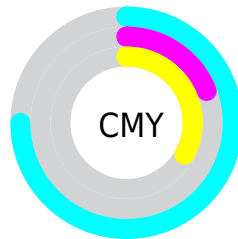
- Red (25%)
- Green (81%)
- Blue (67%)



- Red (25%)
- Yellow (57%)
- Blue (81%)



- Cyan (69%)
- Magenta (0%)
- Yellow (18%)
- Black (19%)



- Cyan (75%)
- Magenta (19%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40CFAA 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 40CFAA by changing the saturation by 10% instead.



 40CFAA

 40CFAA

FFFFFF

 0CB390

 81FFE1

 009876

 9FFFFE

 007D5D

 BDFFFF

 006346

 DCFFFF

 004A2F

 FAFFFF

 00331A

 001B00

 000000

 40CFAA

 40CFAA

 2BCFA5

 55CFAF

 17CF9F

 69CFB5

 02CF9A

 7ECFBA

 00CF99

 93CFBF

 A8CFC5

 BCCFCA

 D1CFCF

 E6CFD5

 FACFDA

# Harmonies

## Analogous

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



84CA81



40CFAA



00D0D7

# Triad

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



40CFAA



A9B3FF



FFA377

# Complementary

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



40CFAA



CF4065

# 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.



FF989D



40CFAA



E2A3F0

# Square

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



40CFAA



56C2FF



FF97C8



E0B263

# Rectangle

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



40CFAA



00CDF1



FF97C8



FF9E83

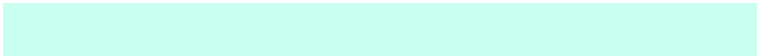


# Sweetspot

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



40CFAA



C9FFF1



66CF40



608077



000000



808080



# Same Dimension

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



40CFAA



2BFFC8



40AECF



5E6966



00A87D



00291E



# Inverse Universe

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



CF4065



FF2B62



CF6140



695E61



A8002C

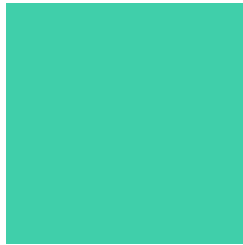


29000B



# Previews

## White Background



This preview shows how the Hex color 40CFAA looks on a white background.

## Color Contrast Check

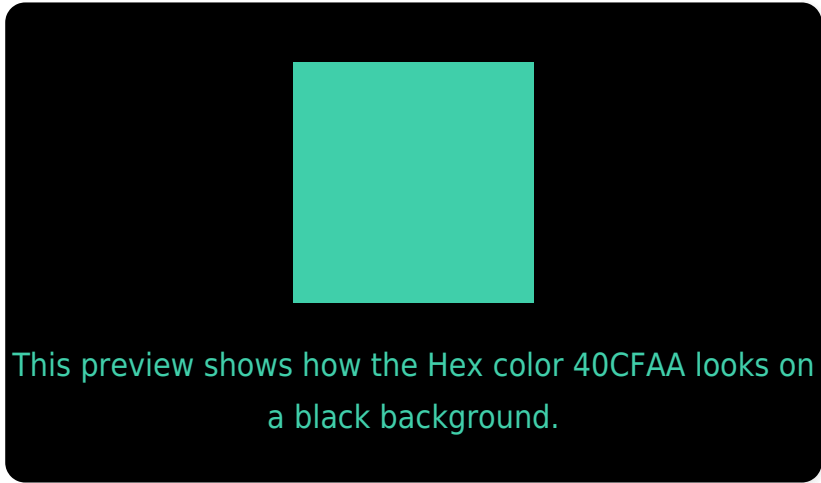
Large Text (above 18pt) WCAG AA × Fail

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

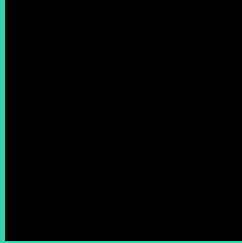
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

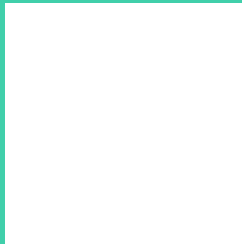
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 40CFAA Background



This preview shows how black text looks on a background with the Hex color 40CFAA.



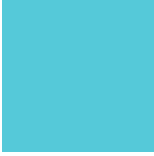
This preview shows how white text looks on a background with the Hex color 40CFAA.

# 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](#).

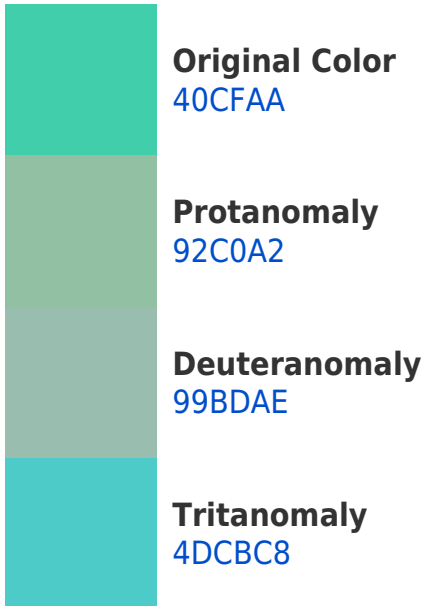
## Dichromacy



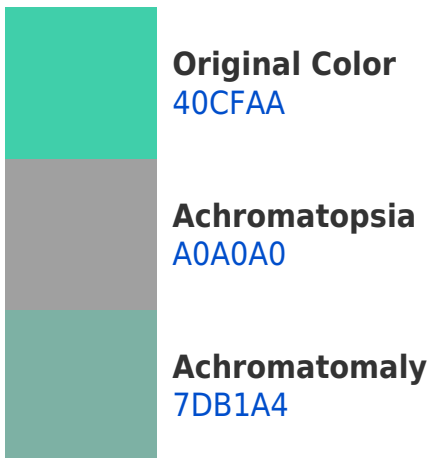


**Tritanopia**  
55C9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40CFAA 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 #40CFAA looks like.

```
.text, #text, p{  
    color:#40CFAA  
}
```

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 #40CFAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40CFAA
}
```

## Border

The CSS property to change the border of an element to Hex 40CFAA 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
#40CFAA }
```

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

```
.border{ border-color:#40CFAA }
```

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

Here you see how a box with a 4 pixel #40CFAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40CFAA; -webkit-box-shadow:4px 4px  
4px 4px #40CFAA; box-shadow:4px 4px 4px  
4px #40CFAA }
```

# Background

The CSS property to change the background color of an element to Hex 40CFAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40CFAA }
```

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

```
.background{ background-color:#40CFAA }
```

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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