

# Converting Colors

Hex(44D390)

Have a look what the booklet for  
Hex(44D390) contains.

<b>Hex(44D390)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(44D390)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44D390
RGB	68, 211, 144
RGB Percent	27%, 83%, 56%
CMY	0.7333, 0.1725, 0.4353
CMYK	0.68, 0.00, 0.32, 0.17
HSL	152°, 62%, 55%
HSV	152°, 68%, 83%
XYZ	30.7122, 49.8311, 34.3852
YIQ	160.6050, -63.7210, -51.1530

# Conversions

## Conversions Part 2

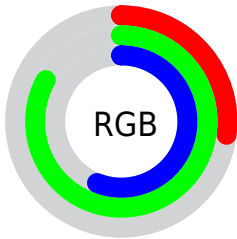
Format	Color
<a href="#">RYB</a>	<a href="#">68, 161, 211</a>
Decimal	<a href="#">4510608</a>
CIELab	<a href="#">75.97, -53.30, 22.36</a>
CIElCh	<a href="#">76, 57.800, 157.237</a>
Yxy	<a href="#">49.8311, 0.2672, 0.4336</a>
Android (android.graphics.Color)	<a href="#">4282700688</a> ( <a href="#">0xFF44D390</a> )
YUV	<a href="#">160.6050, -8.1863, -81.2146</a>
Hunter-Lab	<a href="#">70.5911, -45.8742, 20.5334</a>

# Details

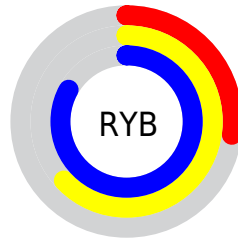
The Hex color **44D390** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D34487**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **84FFC6**, and **009B5D** is the 20% darker color. If you saturate the color by 10%, you get **2FD386**, and if you desaturate by 10%, it is **59D39A**.

# Distribution



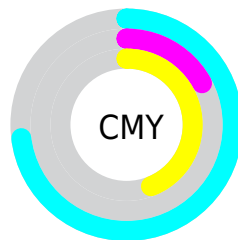
- Red (27%)
- Green (83%)
- Blue (56%)



- Red (27%)
- Yellow (63%)
- Blue (83%)



- Cyan (68%)
- Magenta (0%)
- Yellow (32%)
- Black (17%)



- Cyan (73%)
- Magenta (17%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44D390 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 44D390 by changing the saturation by 10% instead.



 44D390

 44D390

FFFFFF

 17B776

 84FFC6

 009B5D

 A2FFE2

 008045

 C0FFFF

 00662E

 DEFFFF

 004D18

 FDFFFF

 003500

 001D00

 000000

 44D390

 44D390

 2FD386

 59D39A

 1AD37C

 6ED3A4

 05D372

 83D3AE

 00D370

 98D3B8

 ADD3C1

 C3D3CB

 D8D3D5

 EDD3DF

 FFD3E9

# Harmonies

## Analogous

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



95CB62



44D390



00D6C7

# Triad

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



44D390



73BDFE



FF977D

# Complementary

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



44D390



D34487

# 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.



FF8DB0



44D390



D0A8FF

# Square

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



44D390



00CCFF



FF94E6



FBAA58

# Rectangle

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



44D390



00D5EB



FF94E6



FF928D

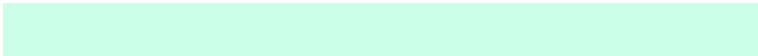


# Sweetspot

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



44D390



CCFFE7



89D344



618071



000000



808080



# Same Dimension

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



44D390



30FF9E



44D1D3



5E6964



00A859



002916



# Inverse Universe

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



D34487



FF3091



D34644



695E63



A8004F

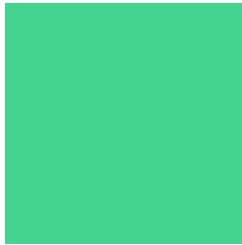


290013



# Previews

## White Background



This preview shows how the Hex color 44D390 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 44D390 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

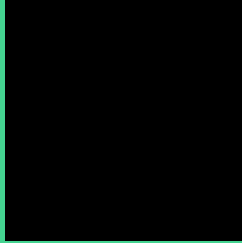
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 44D390 Background



This preview shows how black text looks on a background with the Hex color 44D390.

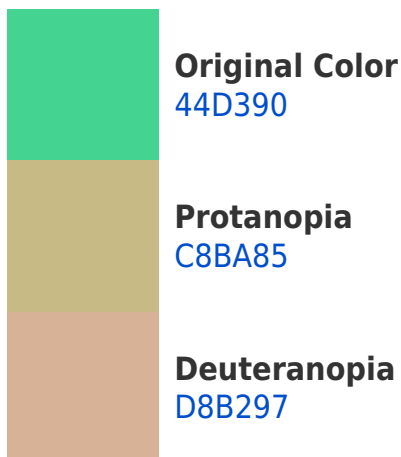


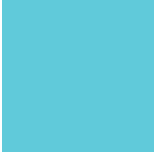
This preview shows how white text looks on a background with the Hex color 44D390.

# 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



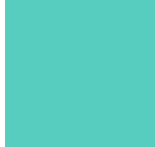
**Original Color**  
44D390



**Protanomaly**  
98C389



**Deuteranomaly**  
A2BE94



**Tritanomaly**  
56CDBF

# Monochromacy



**Original Color**  
44D390



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
7FB39B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44D390 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 #44D390 looks like.

```
.text, #text, p{  
    color:#44D390  
}
```

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 #44D390 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44D390
}
```

## Border

The CSS property to change the border of an element to Hex 44D390 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
#44D390 }
```

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

```
.border{ border-color:#44D390 }
```

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

Here you see how a box with a 4 pixel #44D390 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44D390; -webkit-box-shadow:4px 4px  
4px 4px #44D390; box-shadow:4px 4px 4px  
4px #44D390 }
```

# Background

The CSS property to change the background color of an element to Hex 44D390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44D390 }
```

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

```
.background{ background-color:#44D390 }
```

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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