

# Converting Colors

Hex(41CD91)

Have a look what the booklet for  
Hex(41CD91) contains.

<b>Hex(41CD91)</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(41CD91)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41CD91
RGB	65, 205, 145
RGB Percent	25%, 80%, 57%
CMY	0.7451, 0.1961, 0.4314
CMYK	0.68, 0.00, 0.29, 0.20
HSL	154°, 58%, 53%
HSV	154°, 68%, 80%
XYZ	29.1221, 46.8308, 34.2924
YIQ	156.3000, -64.1800, -48.3400

# Conversions

## Conversions Part 2

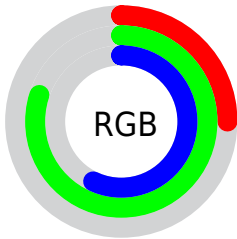
Format	Color
<a href="#">RYB</a>	<a href="#">65, 154, 205</a>
Decimal	<a href="#">4312465</a>
CIELab	<a href="#">74.08, -51.20, 19.24</a>
CIElCh	<a href="#">74, 54.698, 159.407</a>
Yxy	<a href="#">46.8308, 0.2642, 0.4248</a>
Android (android.graphics.Color)	<a href="#">4282502545 (0xFF41CD91)</a>
YUV	<a href="#">156.3000, -5.5709, -80.0701</a>
Hunter-Lab	<a href="#">68.4330, -43.7959, 18.1924</a>

# Details

The Hex color **41CD91** 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 **CD417D**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **81FFC7**, and **00965E** is the 20% darker color. If you saturate the color by 10%, you get **2DCD88**, and if you desaturate by 10%, it is **56CD9A**.

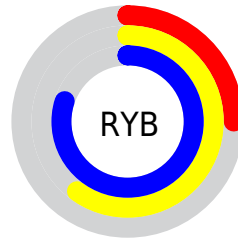
# Distribution



Red (25%)

Green (80%)

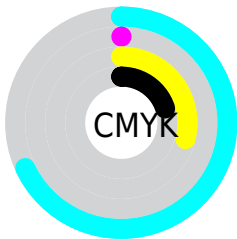
Blue (57%)



Red (25%)

Yellow (60%)

Blue (80%)

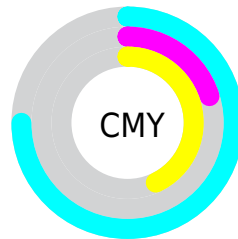


Cyan (68%)

Magenta (0%)

Yellow (29%)

Black (20%)



Cyan (75%)

Magenta (20%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41CD91 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 41CD91 by changing the saturation by 10% instead.



 41CD91

 41CD91

FFFFFF

 13B177

 81FFC7

 00965E

 9FFFE3

 007B46

 BDFFFF

 00612F

 DBFFFF

 00481A

 F9FFFF

 003101

 001700

 000000

 41CD91

 41CD91

 2DCD88

 56CD9A

 18CD7F

 6ACDA3

 04CD77

 7ECDAB

 00CD75

 93CDB4

 A8CDBD

 BCCDC6

 D1CDCF

 E5CDD7

 FACDE0

# Harmonies

## Analogous

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



8EC565



41CD91



00D0C5

# Triad

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



41CD91



7CB6FF



FF9579

# Complementary

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



41CD91



CD417D

# 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.



FF8BA8



41CD91



CFA3FF

# Square

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



41CD91



00C5FF



FF91DB



F0A757

# Rectangle

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



41CD91



00CFE6



FF91DB



FF9088

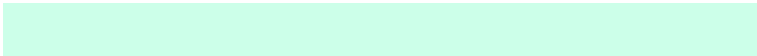


# Sweetspot

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



41CD91



CCFFE9



7ECD41



618072



000000



808080



# Same Dimension

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



41CD91



2EFA5



41C4CD



5C6662



00A65F



002616



# Inverse Universe

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



CD417D



FF2E88



CD4A41



665C60



A60047

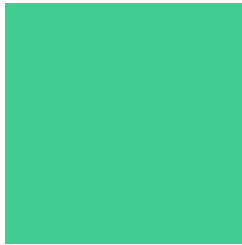


260010



# Previews

## White Background



This preview shows how the Hex color 41CD91 looks on a white background.

## Color Contrast Check

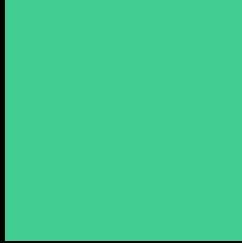
Large Text (above 18pt) WCAG AA × Fail

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 41CD91 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

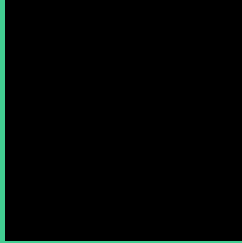
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 41CD91 Background



This preview shows how black text looks on a background with the Hex color 41CD91.

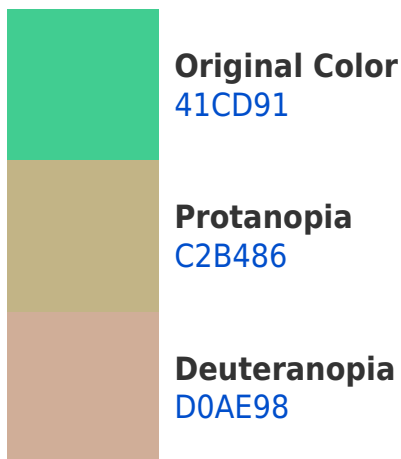


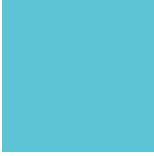
This preview shows how white text looks on a background with the Hex color 41CD91.

# 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](#).

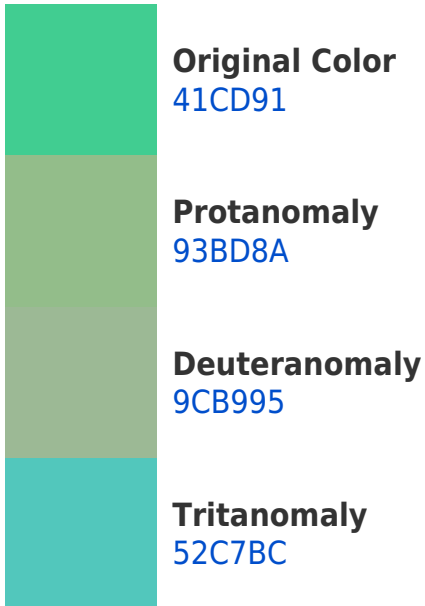
## Dichromacy



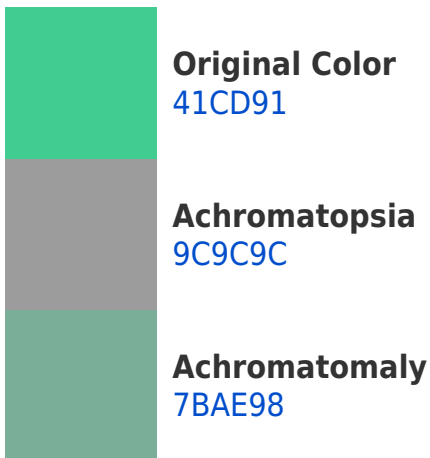


**Tritanopia**  
5CC4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41CD91 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 #41CD91 looks like.

```
.text, #text, p{  
    color:#41CD91  
}
```

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 #41CD91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41CD91
}
```

## Border

The CSS property to change the border of an element to Hex 41CD91 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
#41CD91 }
```

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

```
.border{ border-color:#41CD91 }
```

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

Here you see how a box with a 4 pixel #41CD91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41CD91; -webkit-box-shadow:4px 4px  
4px 4px #41CD91; box-shadow:4px 4px 4px  
4px #41CD91 }
```

# Background

The CSS property to change the background color of an element to Hex 41CD91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41CD91 }
```

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

```
.background{ background-color:#41CD91 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor