

Converting Colors

Hex(40CE50)

Have a look what the booklet for
Hex(40CE50) contains.

Hex(40CE50)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(40CE50)

Conversions

Conversions Part 1

Format	Color
Hex	40CE50
RGB	64, 206, 80
RGB Percent	25%, 81%, 31%
CMY	0.7490, 0.1922, 0.6863
CMYK	0.69, 0.00, 0.61, 0.19
HSL	127°, 59%, 53%
HSV	127°, 69%, 81%
XYZ	25.6336, 45.8118, 15.0809
YIQ	149.1780, -44.1860, -69.2900

Conversions

Conversions Part 2

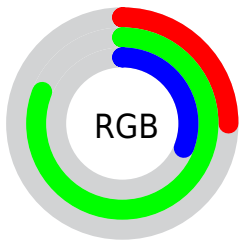
Format	Color
RYB	64, 192, 206
Decimal	4247120
CIELab	73.42, -62.40, 50.70
CIELCh	73, 80.401, 140.908
Yxy	45.8118, 0.2963, 0.5295
Android (android.graphics.Color)	4282437200 (0xFF40CE50)
YUV	149.1780, -34.1048, -74.7011
Hunter-Lab	67.6844, -50.8457, 34.1685

Details

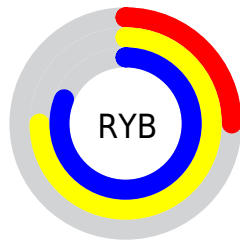
The Hex color **40CE50** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **CE40BE**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **81FF85**, and **009618** is the 20% darker color. If you saturate the color by 10%, you get **2BCE3E**, and if you desaturate by 10%, it is **55CE62**.

Distribution



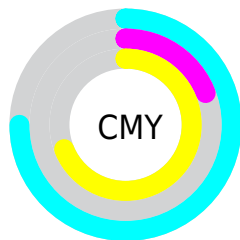
- Red (25%)
- Green (81%)
- Blue (31%)



- Red (25%)
- Yellow (75%)
- Blue (81%)



- Cyan (69%)
- Magenta (0%)
- Yellow (61%)
- Black (19%)



- Cyan (75%)
- Magenta (19%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40CE50 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 40CE50 by changing the saturation by 10% instead.

 40CE50

 40CE50

FFFFFF

 0CB235

 81FF85

 009618

 A0FFA1

 007B00

 BEFFBD

 006100

 DCFFD9

 004800

 FBFFF6

 003100

 001400

 000000

 40CE50

 40CE50

 2BCE3E

 55CE62

 17CE2B

 69CE75

 02CE19

 7ECE87

 00CE17

 92CE99

 A7CEAB

 BCCEBE

 D0CED0

 E5CEE2

 F9CEF5

Harmonies

Analogous

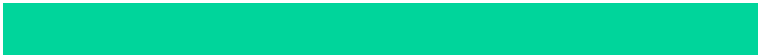
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A6C000



40CE50



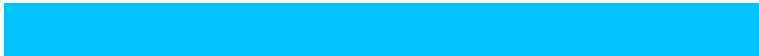
00D59B

Triad

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



40CE50



00C4FF



FF6C84

Complementary

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



40CE50



CE40BE

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.



FF6BCE



40CE50



83AAFF

Square

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



40CE50



00D1FF



F688FF



FF8A41

Rectangle

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



40CE50



00D6CE



F688FF



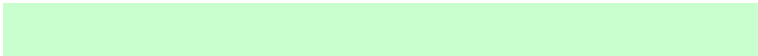
FF679D

Sweetspot

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



40CE50



C9FFCF



C0CE40



608063



000000



808080

Same Dimension

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



40CE50



2BFF43



40CE95



5C665D



00A613



002604

Inverse Universe

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



CE40BE



FF2BE7



CE4079



665C65



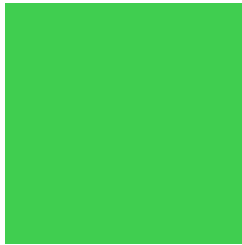
A60093



260022

Previews

White Background



This preview shows how the Hex color 40CE50 looks on a white background.

Color Contrast Check

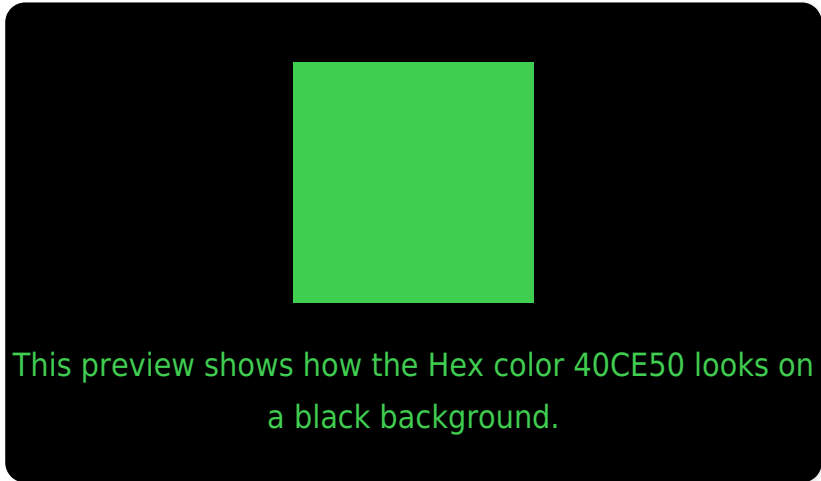
Large Text (above 18pt) WCAG AA × Fail

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

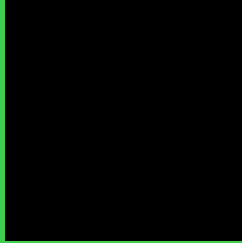
Any Text WCAG AA ✓ Pass

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 40CE50 Background



This preview shows how black text looks on a background with the Hex color 40CE50.

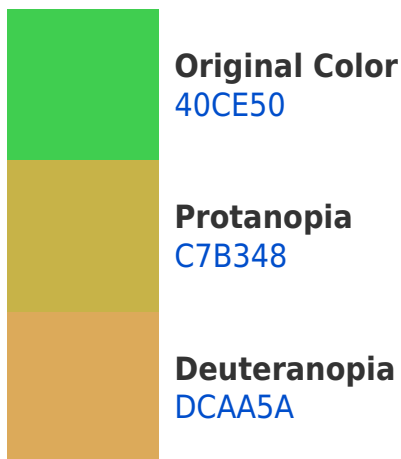


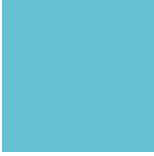
This preview shows how white text looks on a background with the Hex color 40CE50.

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
65C1D1

Trichromacy



Original Color
40CE50



Protanomaly
96BD4B



Deuteranomaly
A3B756



Tritanomaly
58C6A2

Monochromacy



Original Color
40CE50



Achromatopsia
959595



Achromatomaly
76AA7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 40CE50 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 #40CE50 looks like.

```
.text, #text, p{  
    color:#40CE50  
}
```

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 #40CE50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40CE50
}
```

Border

The CSS property to change the border of an element to Hex 40CE50 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
#40CE50 }
```

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

```
.border{ border-color:#40CE50 }
```

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

Here you see how a box with a 4 pixel #40CE50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40CE50; -webkit-box-shadow:4px 4px  
4px 4px #40CE50; box-shadow:4px 4px 4px  
4px #40CE50 }
```

Background

The CSS property to change the background color of an element to Hex 40CE50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40CE50 }
```

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

```
.background{ background-color:#40CE50 }
```

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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