

Converting Colors

Hex(40CE00)

Have a look what the booklet for
Hex(40CE00) contains.

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Color

Hex(40CE00)

Conversions

Conversions Part 1

Format	Color
Hex	40CE00
RGB	64, 206, 0
RGB Percent	25%, 81%, 0%
CMY	0.7490, 0.1922, 1.0000
CMYK	0.69, 0.00, 1.00, 0.19
HSL	101°, 100%, 40%
HSV	101°, 100%, 81%
XYZ	24.1857, 45.2326, 7.4561
YIQ	140.0580, -18.5060, -94.1700

Conversions

Conversions Part 2

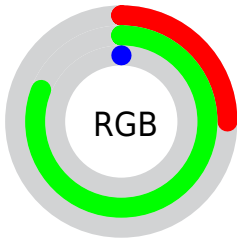
Format	Color
RYB	0, 206, 142
Decimal	4247040
CIELab	73.04, -66.97, 71.70
CIELCh	73, 98.114, 133.046
Yxy	45.2326, 0.3146, 0.5884
Android (android.graphics.Color)	4282437120 (0xFF40CE00)
YUV	140.0580, -69.0486, -66.7029
Hunter-Lab	67.2552, -53.5061, 40.5056

Details

The Hex color **40CE00** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **8E00CE**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **84FF52**, and **009600** is the 20% darker color. If you saturate the color by 10%, you get **40CE00**, and if you desaturate by 10%, it is **4ECE15**.

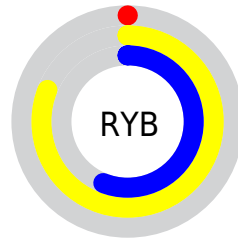
Distribution



Red (25%)

Green (81%)

Blue (0%)



Red (0%)

Yellow (81%)

Blue (56%)

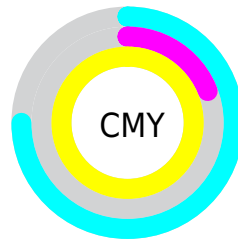


Cyan (69%)

Magenta (0%)

Yellow (100%)

Black (19%)



Cyan (75%)

Magenta (19%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40CE00 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 40CE00 by changing the saturation by 10% instead.

 40CE00

 40CE00

FFFFFF

 03B200

 84FF52

 009600

 A3FF6F

 007B00

 C2FF8C

 006100

 E0FFA9

 004700

 FFFFC6

 003000

 FFFF E3

 001300

 000000

 40CE00

 4ECE15

 5CCE29

 6BCE3E

 79CE52

 87CE67

 95CE7C

 A3CE90

 B2CEA5

 C0CEB9

Harmonies

Analogous

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



B4BC00



40CE00



00D77B

Triad

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



40CE00



00CCFF



FF3F90

Complementary

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



40CE00



8E00CE

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.



FF50EA



40CE00



00B2FF

Square

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



40CE00



00D8FF



E586FF



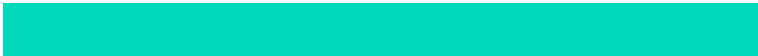
FF6E39

Rectangle

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



40CE00



00DABA



E586FF



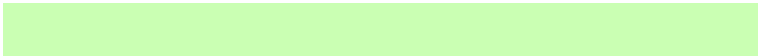
FF3AAE

Sweetspot

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



40CE00



CAFFB3



CE8D00



608052



000000



808080

Same Dimension

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



40CE00



4FFF00



00CE26



5F665C



33A600



0C2600

Inverse Universe

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



8E00CE



B000FF



CE00A8



635C66



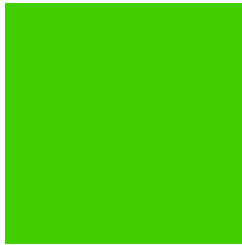
7200A6



1A0026

Previews

White Background



This preview shows how the Hex color 40CE00 looks on a white background.

Color Contrast Check

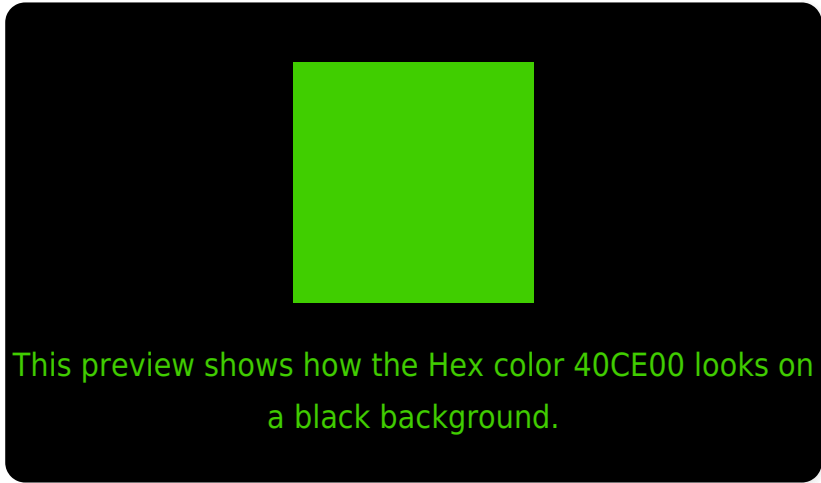
Large Text (above 18pt) WCAG AA × Fail

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

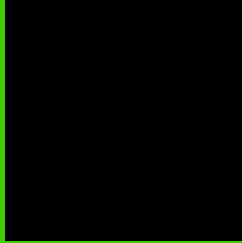
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

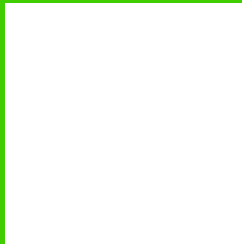
Any Text WCAG AAA ✓ Pass

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

Hex 40CE00 Background



This preview shows how black text looks on a background with the Hex color 40CE00.

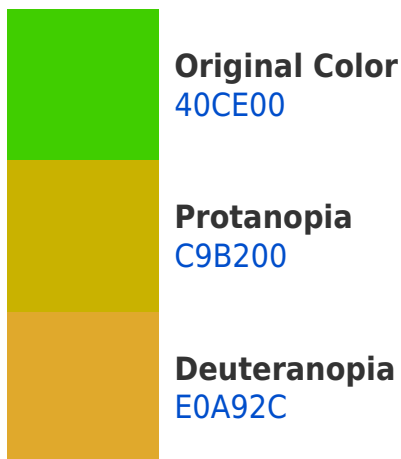


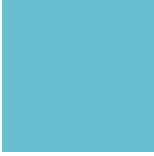
This preview shows how white text looks on a background with the Hex color 40CE00.

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
69BFCF

Trichromacy



Original Color
40CE00



Protanomaly
97BC00



Deuteranomaly
A6B61C



Tritanomaly
5AC484

Monochromacy



Original Color
40CE00



Achromatopsia
8C8C8C



Achromatomaly
70A459

CSS Examples

Text

The CSS property to change the color of the text to Hex 40CE00 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 #40CE00 looks like.

```
.text, #text, p{  
    color:#40CE00  
}
```

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 #40CE00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40CE00
}
```

Border

The CSS property to change the border of an element to Hex 40CE00 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
#40CE00 }
```

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

```
.border{ border-color:#40CE00 }
```

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

Here you see how a box with a 4 pixel #40CE00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40CE00; -webkit-box-shadow:4px 4px  
4px 4px #40CE00; box-shadow:4px 4px 4px  
4px #40CE00 }
```

Background

The CSS property to change the background color of an element to Hex 40CE00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40CE00 }
```

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

```
.background{ background-color:#40CE00 }
```

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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