

# Converting Colors

Hex(3CCE10)

Have a look what the booklet for  
Hex(3CCE10) contains.

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**Color**

**Hex(3CCE10)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CCE10
RGB	60, 206, 16
RGB Percent	24%, 81%, 6%
CMY	0.7647, 0.1922, 0.9373
CMYK	0.71, 0.00, 0.92, 0.19
HSL	106°, 86%, 44%
HSV	106°, 92%, 81%
XYZ	24.0283, 45.1407, 7.9368
YIQ	140.6860, -26.0260, -90.0420

# Conversions

## Conversions Part 2

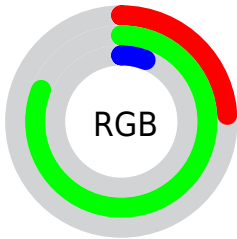
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 206, 162
Decimal	3984912
CIELab	72.98, -67.40, 69.88
CIELCh	73, 97.084, 133.967
Yxy	45.1407, 0.3116, 0.5854
Android (android.graphics.Color)	4282174992 (0xFF3CCE10)
YUV	140.6860, -61.4702, -70.7616
Hunter-Lab	67.1868, -53.7392, 40.0268

# Details

The Hex color **3CCE10** 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 **A210CE**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **81FF57**, and **009600** is the 20% darker color. If you saturate the color by 10%, you get **30CE00**, and if you desaturate by 10%, it is **4CCE25**.

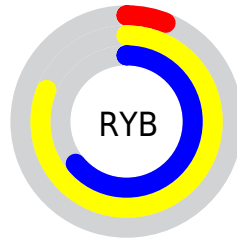
# Distribution



Red (24%)

Green (81%)

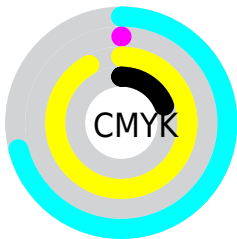
Blue (6%)



Red (6%)

Yellow (81%)

Blue (64%)

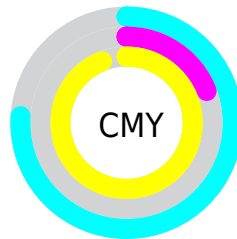


Cyan (71%)

Magenta (0%)

Yellow (92%)

Black (19%)



Cyan (76%)

Magenta (19%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CCE10 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 3CCE10 by changing the saturation by 10% instead.



 3CCE10

 3CCE10

FFFFFF

 00B200

 81FF57

 009600

 A0FF74

 007B00

 BFFF90

 006100

 DEFFAD

 004700

 FDFPCA

 003000

 FFFFE7

 001200

 000000

 3CCE10

 3CCE10

■ 30CE00

■ 4CCE25

■ 5CCE39

■ 6BCE4E

■ 7BCE62

■ 8BCE77

■ 9BCE8C

■ ABCEA0

■ BBCEB5

■ CACEC9

# Harmonies

## Analogous

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



B2BC00



3CCE10



00D77E

# Triad

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



3CCE10



00CBFF



FF438E

# Complementary

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



3CCE10



A210CE

# 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.



FF50E7



3CCE10



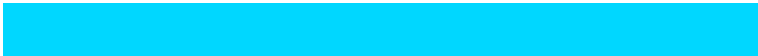
00B0FF

# Square

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



3CCE10



00D7FF



E885FF



FF7038

# Rectangle

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



3CCE10



00D9BD



E885FF



FF3EAB

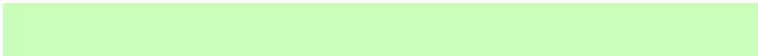


# Sweetspot

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



3CCE10



C8FFB8



CEA210



5E8054



000000



808080



# Same Dimension

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



3CCE10



3BFF00



10CE43



5E665C



26A600



092600



# Inverse Universe

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



A210CE



C400FF



CE109B



645C66



7F00A6

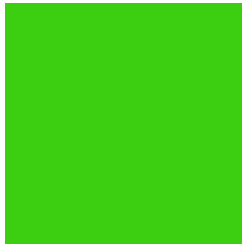


1D0026



# Previews

## White Background



This preview shows how the Hex color 3CCE10 looks on a white background.

## Color Contrast Check

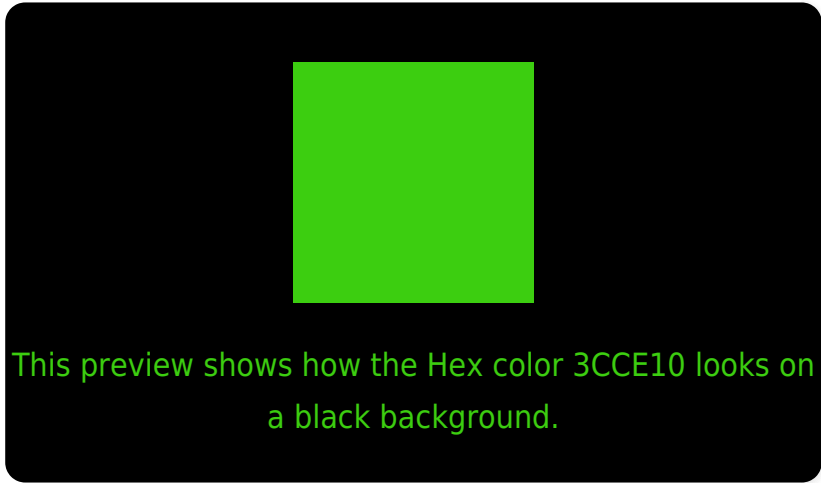
Large Text (above 18pt) WCAG AA × Fail

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 3CCE10 Background



This preview shows how black text looks on a background with the Hex color 3CCE10.



This preview shows how white text looks on a background with the Hex color 3CCE10.

# 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](#).

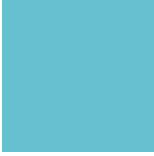
## Dichromacy



**Original Color**  
3CCE10

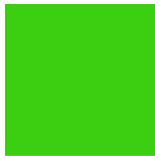
**Protanopia**  
C8B200

**Deuteranopia**  
DFA92E



**Tritanopia**  
66C0CF

# Trichromacy



**Original Color**  
3CCE10



**Protanomaly**  
95BC06



**Deuteranomaly**  
A4B623



**Tritanomaly**  
57C58A

# Monochromacy



**Original Color**  
3CCE10



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
70A560

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CCE10 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 #3CCE10 looks like.

```
.text, #text, p{  
    color:#3CCE10  
}
```

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 #3CCE10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CCE10
}
```

## Border

The CSS property to change the border of an element to Hex 3CCE10 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
#3CCE10 }
```

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

```
.border{ border-color:#3CCE10 }
```

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

Here you see how a box with a 4 pixel #3CCE10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CCE10; -webkit-box-shadow:4px 4px  
4px 4px #3CCE10; box-shadow:4px 4px 4px  
4px #3CCE10 }
```

# Background

The CSS property to change the background color of an element to Hex 3CCE10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CCE10 }
```

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

```
.background{ background-color:#3CCE10 }
```

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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