

Converting Colors

Hex(3CE145)

Have a look what the booklet for
Hex(3CE145) contains.

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Color

Hex(3CE145)

Conversions

Conversions Part 1

Format	Color
Hex	3CE145
RGB	60, 225, 69
RGB Percent	24%, 88%, 27%
CMY	0.7647, 0.1176, 0.7294
CMYK	0.73, 0.00, 0.69, 0.12
HSL	123°, 73%, 56%
HSV	123°, 73%, 88%
XYZ	29.8629, 55.2408, 14.7188
YIQ	157.8810, -48.2640, -83.4960

Conversions

Conversions Part 2

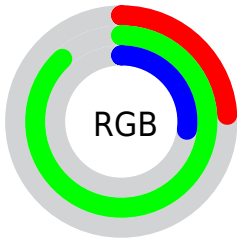
Format	Color
RYB	60, 216, 225
Decimal	3989829
CIELab	79.18, -70.34, 61.46
CIELCh	79, 93.411, 138.857
Yxy	55.2408, 0.2992, 0.5534
Android (android.graphics.Color)	4282179909 (0xFF3CE145)
YUV	157.8810, -43.8183, -85.8416
Hunter-Lab	74.3241, -58.3473, 40.2854

Details

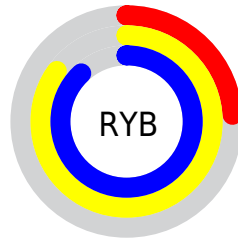
The Hex color **3CE145** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E13CD8**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **83FF7D**, and **00A800** is the 20% darker color. If you saturate the color by 10%, you get **26E130**, and if you desaturate by 10%, it is **53E15A**.

Distribution



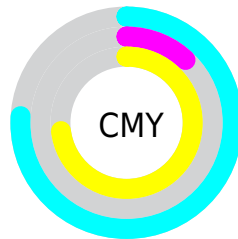
- Red (24%)
- Green (88%)
- Blue (27%)



- Red (24%)
- Yellow (85%)
- Blue (88%)



- Cyan (73%)
- Magenta (0%)
- Yellow (69%)
- Black (12%)



- Cyan (76%)
- Magenta (12%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CE145 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 3CE145 by changing the saturation by 10% instead.

 3CE145

 3CE145

FFFFFF

 00C427

 83FF7D

 00A800

 A3FF99

 008D00

 C2FFB5

 007200

 E1FFD2

 005800

 FFFFEF

 003F00

 002600

 000000

 3CE145

 3CE145

 26E130

 53E15A

 0FE11A

 69E170

 00E10C

 7FE185

 96E19A

 ADE1AF

 C3E1C5

 DAE1DA

 F0E1EF

 FFE1FF

Harmonies

Analogous

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



B7D100



3CE145



00E9A0

Triad

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



3CE145



00D8FF



FF6792

Complementary

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



3CE145



E13CD8

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.



FF68E8



3CE145



71BBFF

Square

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



3CE145



00E7FF



FF91FF



FF8D3F

Rectangle

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



3CE145



00EBDC



FF91FF



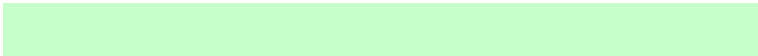
FF61AE

Sweetspot

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



3CE145



C7FFCA



D9E13C



5E8060



000000



808080

Same Dimension

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



3CE145



1FFF2B



3CE197



657066



00B00A



003003

Inverse Universe

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



E13CD8



FF1FF3



E13C86



706570



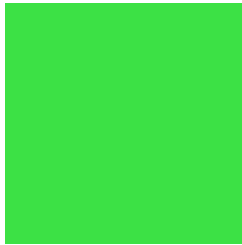
B000A6



30002E

Previews

White Background



This preview shows how the Hex color 3CE145 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 3CE145 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 3CE145 Background



This preview shows how black text looks on a background with the Hex color 3CE145.

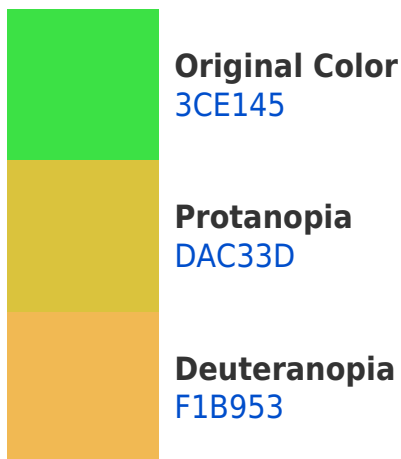


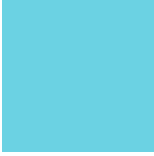
This preview shows how white text looks on a background with the Hex color 3CE145.

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
6BD2E3

Trichromacy



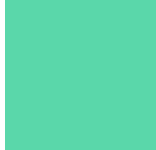
Original Color
3CE145



Protanomaly
A1CE40

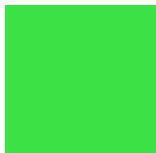


Deuteranomaly
AFC84E



Tritanomaly
5AD7AA

Monochromacy



Original Color
3CE145



Achromatopsia
9E9E9E



Achromatomaly
7AB67E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CE145 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 #3CE145 looks like.

```
.text, #text, p{  
    color:#3CE145  
}
```

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 #3CE145 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CE145
}
```

Border

The CSS property to change the border of an element to Hex 3CE145 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
#3CE145 }
```

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

```
.border{ border-color:#3CE145 }
```

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

Here you see how a box with a 4 pixel #3CE145 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CE145; -webkit-box-shadow:4px 4px  
4px 4px #3CE145; box-shadow:4px 4px 4px  
4px #3CE145 }
```

Background

The CSS property to change the background color of an element to Hex 3CE145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CE145 }
```

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

```
.background{ background-color:#3CE145 }
```

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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