

Converting Colors

Hex(3CE667)

Have a look what the booklet for
Hex(3CE667) contains.

Hex(3CE667)	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(3CE667)

Conversions

Conversions Part 1

Format	Color
Hex	3CE667
RGB	60, 230, 103
RGB Percent	24%, 90%, 40%
CMY	0.7647, 0.0980, 0.5961
CMYK	0.74, 0.00, 0.55, 0.10
HSL	135°, 77%, 57%
HSV	135°, 74%, 90%
XYZ	32.6085, 58.5336, 22.4114
YIQ	164.6920, -60.5530, -75.5370

Conversions

Conversions Part 2

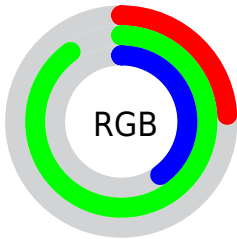
Format	Color
RYB	60, 196, 230
Decimal	3991143
CIELab	81.03, -68.23, 49.21
CIELCh	81, 84.124, 144.195
Yxy	58.5336, 0.2872, 0.5155
Android (android.graphics.Color)	4282181223 (0xFF3CE667)
YUV	164.6920, -30.4142, -91.8149
Hunter-Lab	76.5072, -57.8084, 36.1871

Details

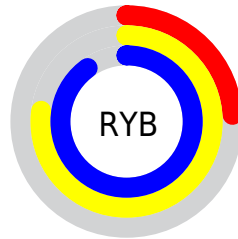
The Hex color **3CE667** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark washed spring green. A complement of this color would be **E63CBB**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **83FF9D**, and **00AD32** is the 20% darker color. If you saturate the color by 10%, you get **25E656**, and if you desaturate by 10%, it is **53E678**.

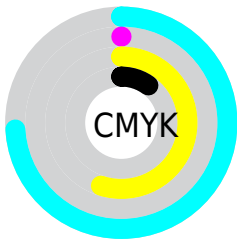
Distribution



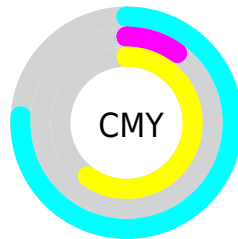
- Red (24%)
- Green (90%)
- Blue (40%)



- Red (24%)
- Yellow (77%)
- Blue (90%)



- Cyan (74%)
- Magenta (0%)
- Yellow (55%)
- Black (10%)



- Cyan (76%)
- Magenta (10%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CE667 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 3CE667 by changing the saturation by 10% instead.

 3CE667

 3CE667

FFFFFF

 00C94D

 83FF9D

 00AD32

 A2FFB9

 009114

 C1FFD5

 007600

 E0FFF2

 005C00

 004300

 002B00

 000700

 000000

 3CE667

 3CE667


 25E656

 53E678

 0EE645

 6AE689

 00E63A

 81E69B

 98E6AC

 AFE6BD

 C6E6CE

 DDE6DF

 F4E6F0

 FFE6FF

Harmonies

Analogous

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



B2D81C



3CE667



00EDB7

Triad

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



3CE667



00D7FF



FF818E

Complementary

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



3CE667



E63CBB

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.



FF7BDC



3CE667



AABBFF

Square

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



3CE667



00E7FF



FF96FF



FFA047

Rectangle

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



3CE667



00EEEE



FF96FF



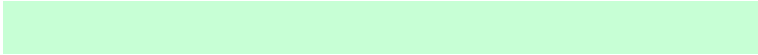
FF7AA7

Sweetspot

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



3CE667



C7FFD5



BBE63C



5E8067



000000



808080

Same Dimension

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



3CE667



1CFF55



3CE6BB



67736A



00B32D



00330D

Inverse Universe

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



E63CBB



FF1CC6



E63C67



736770



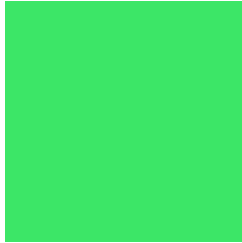
B30085



330026

Previews

White Background



This preview shows how the Hex color 3CE667 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 3CE667 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 3CE667 Background



This preview shows how black text looks on a background with the Hex color 3CE667.

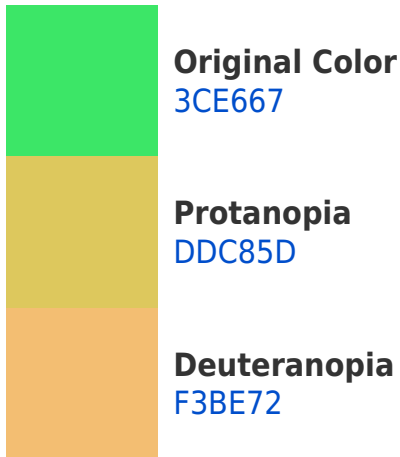


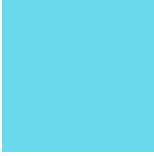
This preview shows how white text looks on a background with the Hex color 3CE667.

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](#).

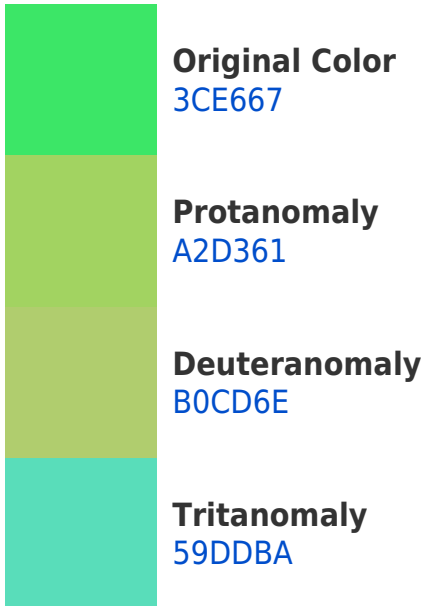
Dichromacy



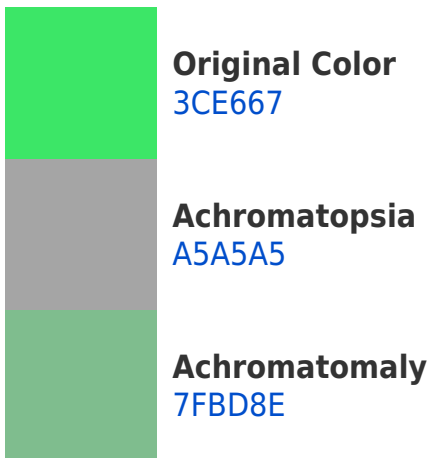


Tritanopia
69D8EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3CE667 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 #3CE667 looks like.

```
.text, #text, p{  
    color:#3CE667  
}
```

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 #3CE667 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CE667
}
```

Border

The CSS property to change the border of an element to Hex 3CE667 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
#3CE667 }
```

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

```
.border{ border-color:#3CE667 }
```

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

Here you see how a box with a 4 pixel #3CE667 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CE667; -webkit-box-shadow:4px 4px  
4px 4px #3CE667; box-shadow:4px 4px 4px  
4px #3CE667 }
```

Background

The CSS property to change the background color of an element to Hex 3CE667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CE667 }
```

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

```
.background{ background-color:#3CE667 }
```

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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