

Converting Colors

Hex(3CEE6B)

Have a look what the booklet for
Hex(3CEE6B) contains.

Hex(3CEE6B)	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(3CEE6B)

Conversions

Conversions Part 1

Format	Color
Hex	3CEE6B
RGB	60, 238, 107
RGB Percent	24%, 93%, 42%
CMY	0.7647, 0.0667, 0.5804
CMYK	0.75, 0.00, 0.55, 0.07
HSL	136°, 84%, 58%
HSV	136°, 75%, 93%
XYZ	35.0919, 63.1713, 24.2537
YIQ	169.8440, -64.0370, -78.4770

Conversions

Conversions Part 2

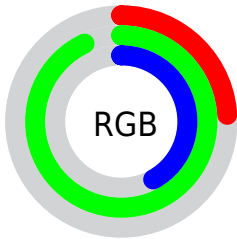
Format	Color
RYB	60, 201, 238
Decimal	3993195
CIELab	83.53, -70.32, 50.37
CIELCh	84, 86.502, 144.387
Yxy	63.1713, 0.2864, 0.5156
Android (android.graphics.Color)	4282183275 (0xFF3CEE6B)
YUV	169.8440, -30.9821, -96.3332
Hunter-Lab	79.4804, -60.2800, 37.5437

Details

The Hex color **3CEE6B** 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 **EE3CBF**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **84FFA1**, and **00B436** is the 20% darker color. If you saturate the color by 10%, you get **24EE59**, and if you desaturate by 10%, it is **54EE7D**.

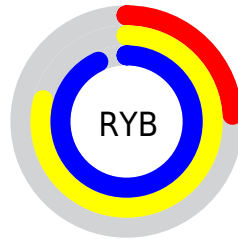
Distribution



Red (24%)

Green (93%)

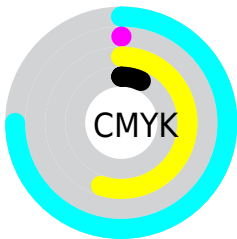
Blue (42%)



Red (24%)

Yellow (79%)

Blue (93%)

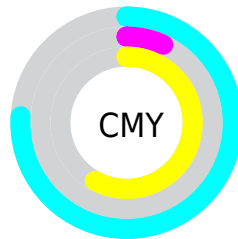


Cyan (75%)

Magenta (0%)

Yellow (55%)

Black (7%)



Cyan (76%)

Magenta (7%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CEE6B 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 3CEE6B by changing the saturation by 10% instead.

 3CEE6B

 3CEE6B

FFFFFF

 00D151

 84FFA1

 00B436

 A4FFBD

 009919

 C4FFDA

 007D00

 E3FFF7

 006300

 004900

 003100

 001500

 000000

 3CEE6B

 3CEE6B

 24EE59

 54EE7D

 0CEE48

 6CEE8E

 00EE3F

 83EEA0

 9BEEB1

 B3EEC3

 CBEED4

 E3EEE6

 FAEEF7

 FFEEFF

Harmonies

Analogous

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



B7DF1D



3CEE6B



00F5BE

Triad

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



3CEE6B



00DEFF



FF8592

Complementary

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



3CEE6B



EE3CBF

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.



FF7FE3



3CEE6B



B0C1FF

Square

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



3CEE6B



00EFFF



FF9BFF



FFA649

Rectangle

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



3CEE6B



00F6F6



FF9BFF



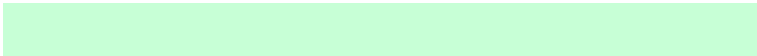
FF7FAC

Sweetspot

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



3CEE6B



C7FFD6



C2EE3C



5E8067



000000



808080

Same Dimension

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



3CEE6B



19FF56



3CEEC2



6C786F



00B830



00380F

Inverse Universe

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



EE3CBF



FF19C2



EE3C69



786C75



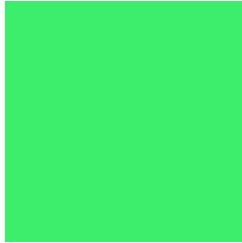
B80087



380029

Previews

White Background



This preview shows how the Hex color 3CEE6B 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 3CEE6B 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 3CEE6B Background



This preview shows how black text looks on a background with the Hex color 3CEE6B.

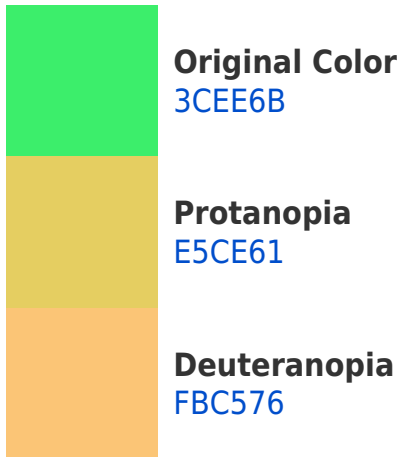


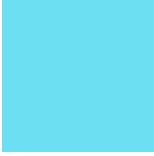
This preview shows how white text looks on a background with the Hex color 3CEE6B.

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](#).

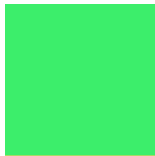
Dichromacy





Tritanopia
6CE0F2

Trichromacy



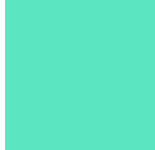
Original Color
3CEE6B



Protanomaly
A8DA65



Deuteranomaly
B6D472

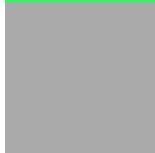


Tritanomaly
5BE5C1

Monochromacy



Original Color
3CEE6B



Achromatopsia
AAAAAA



Achromatomaly
82C393

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CEE6B 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 #3CEE6B looks like.

```
.text, #text, p{  
    color:#3CEE6B  
}
```

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 #3CEE6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CEE6B
}
```

Border

The CSS property to change the border of an element to Hex 3CEE6B 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
#3CEE6B }
```

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

```
.border{ border-color:#3CEE6B }
```

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

Here you see how a box with a 4 pixel #3CEE6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CEE6B; -webkit-box-shadow:4px 4px  
4px 4px #3CEE6B; box-shadow:4px 4px 4px  
4px #3CEE6B }
```

Background

The CSS property to change the background color of an element to Hex 3CEE6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CEE6B }
```

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

```
.background{ background-color:#3CEE6B }
```

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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