

Converting Colors

Hex(3CCE6B)

Have a look what the booklet for
Hex(3CCE6B) contains.

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Color

Hex(3CCE6B)

Conversions

Conversions Part 1

Format	Color
Hex	3CCE6B
RGB	60, 206, 107
RGB Percent	24%, 81%, 42%
CMY	0.7647, 0.1922, 0.5804
CMYK	0.71, 0.00, 0.48, 0.19
HSL	139°, 60%, 52%
HSV	139°, 71%, 81%
XYZ	26.5886, 46.1648, 21.4193
YIQ	151.0600, -55.2370, -61.7410

Conversions

Conversions Part 2

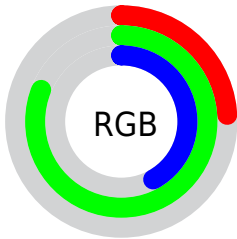
Format	Color
RYB	60, 170, 206
Decimal	3985003
CIELab	73.65, -59.43, 38.26
CIELCh	74, 70.675, 147.229
Yxy	46.1648, 0.2823, 0.4902
Android (android.graphics.Color)	4282175083 (0xFF3CCE6B)
YUV	151.0600, -21.7216, -79.8596
Hunter-Lab	67.9447, -49.0512, 28.8704

Details

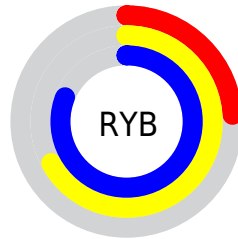
The Hex color **3CCE6B** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **CE3C9F**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **7EFFA0**, and **009639** is the 20% darker color. If you saturate the color by 10%, you get **27CE5D**, and if you desaturate by 10%, it is **51CE79**.

Distribution



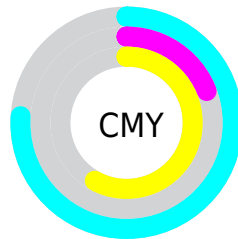
- Red (24%)
- Green (81%)
- Blue (42%)



- Red (24%)
- Yellow (67%)
- Blue (81%)



- Cyan (71%)
- Magenta (0%)
- Yellow (48%)
- Black (19%)



- Cyan (76%)
- Magenta (19%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Hex color 3CCE6B 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 3CCE6B by changing the saturation by 10% instead.

 3CCE6B

 3CCE6B

FFFFFF

 01B252

 7EFFA0

 009639

 9CFFBB

 007B20

 BAFFD7

 006103

 D8FFF4

 004800

 F7FFFF

 003200

 001500

 000000

 3CCE6B

 3CCE6B

 27CE5D

 51CE79

 13CE4F

 65CE87

 00CE42

 7ACE95

 8ECEA3

 A3CEB1

 B8CEBF

 CCCECD

 E1CEDB

 F5CEE9

Harmonies

Analogous

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



9CC335



3CCE6B



00D3AD

Triad

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



3CCE6B



00BEFF



FF7E7E

Complementary

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



3CCE6B



CE3C9F

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.



FF77BE



3CCE6B



AAA6FF

Square

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



3CCE6B



00CDFE



FE8AFC



FF9647

Rectangle

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



3CCE6B



00D4D9



FE8AFC



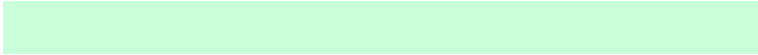
FF7992

Sweetspot

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



3CCE6B



C9FFDB



A0CE3C



60806A



000000



808080

Same Dimension

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



3CCE6B



26FF6C



3CCEB3



5C665F



00A635



00260C

Inverse Universe

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



CE3C9F



FF26B9



CE3C57



665C63



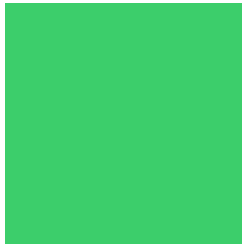
A60070



26001A

Previews

White Background



This preview shows how the Hex color 3CCE6B looks on a white background.

Color Contrast Check

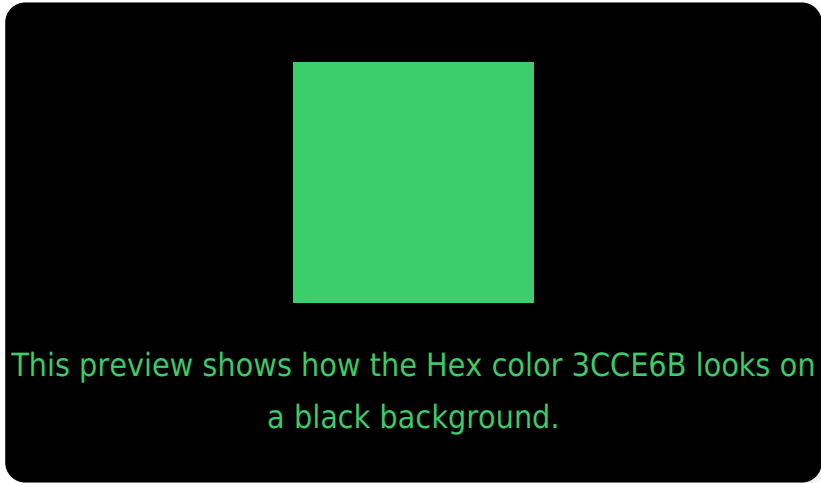
Large Text (above 18pt) WCAG AA × Fail

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

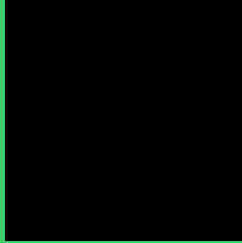
Any Text WCAG AA ✓ Pass

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 3CCE6B Background



This preview shows how black text looks on a background with the Hex color 3CCE6B.

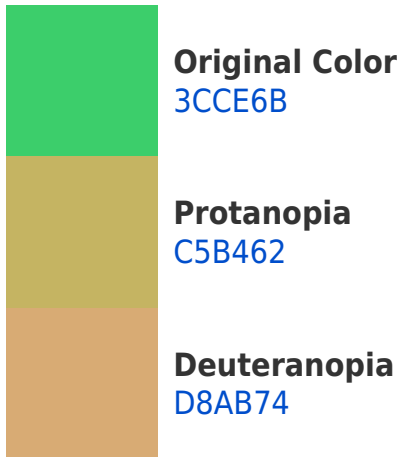


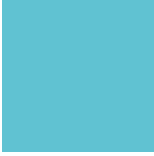
This preview shows how white text looks on a background with the Hex color 3CCE6B.

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
60C2D2

Trichromacy



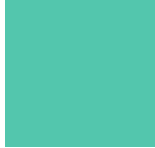
Original Color
3CCE6B



Protanomaly
93BD65



Deuteranomaly
9FB871



Tritanomaly
53C6AD

Monochromacy



Original Color
3CCE6B



Achromatopsia
979797



Achromatomaly
76AB87

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CCE6B 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 #3CCE6B looks like.

```
.text, #text, p{  
    color:#3CCE6B  
}
```

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 #3CCE6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CCE6B
}
```

Border

The CSS property to change the border of an element to Hex 3CCE6B 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
#3CCE6B }
```

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

```
.border{ border-color:#3CCE6B }
```

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

Here you see how a box with a 4 pixel #3CCE6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CCE6B; -webkit-box-shadow:4px 4px  
4px 4px #3CCE6B; box-shadow:4px 4px 4px  
4px #3CCE6B }
```

Background

The CSS property to change the background color of an element to Hex 3CCE6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CCE6B }
```

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

```
.background{ background-color:#3CCE6B }
```

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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