

Converting Colors

Hex(C5EE66)

Have a look what the booklet for
Hex(C5EE66) contains.

Hex(C5EE66)	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(C5EE66)

Conversions

Conversions Part 1

Format	Color
Hex	C5EE66
RGB	197, 238, 102
RGB Percent	77%, 93%, 40%
CMY	0.2275, 0.0667, 0.6000
CMYK	0.17, 0.00, 0.57, 0.07
HSL	78°, 80%, 67%
HSV	78°, 57%, 93%
XYZ	55.9988, 73.9787, 23.8982
YIQ	210.2370, 19.2200, -50.9880

Conversions

Conversions Part 2

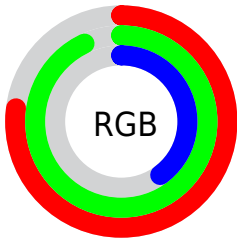
Format	Color
RYB	102, 238, 143
Decimal	12971622
CIELab	88.91, -33.05, 60.24
CIELCh	89, 68.710, 118.747
Yxy	73.9787, 0.3639, 0.4808
Android (android.graphics.Color)	4291161702 (0xFFC5EE66)
YUV	210.2370, -53.3608, -11.6088
Hunter-Lab	86.0109, -34.3037, 43.7338

Details

The Hex color **C5EE66** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **8F66EE**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF9D**, and **8CB62E** is the 20% darker color. If you saturate the color by 10%, you get **BEEE4E**, and if you desaturate by 10%, it is **CCEE7E**.

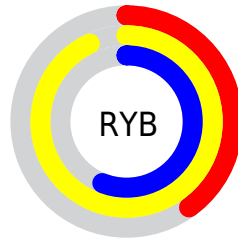
Distribution



Red (77%)

Green (93%)

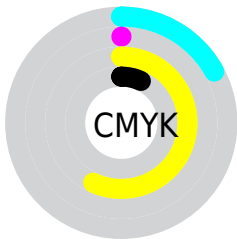
Blue (40%)



Red (40%)

Yellow (93%)

Blue (56%)

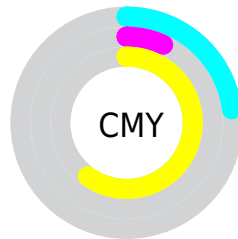


Cyan (17%)

Magenta (0%)

Yellow (57%)

Black (7%)



Cyan (23%)

Magenta (7%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5EE66 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 C5EE66 by changing the saturation by 10% instead.

 C5EE66

 C5EE66


FFFFFF

 A8D24B

 FFFF9D

 8CB62E

 FFFFB9

 719B08

 FFFF D6

 558100

 FFFFF3

 3A6700

 1E4F00

 003800

 002400

 000000

 C5EE66

 C5EE66

 BEEE4E

 CCEE7E

 B7EE36

 D3EE96

 AFEE1F

 DBEEAD

 A8EE07

 E2EEC5

 A6EE00

 E9EEDD

 F0EEF5

 F7EEFF

 FEEEFF

 FFEFFF

Harmonies

Analogous

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



FFDB55



C5EE66



6EFA98

Triad

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



C5EE66



00F7FF



FFA6E5

Complementary

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



C5EE66



8F66EE

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.



FFB5FF



C5EE66



47E7FF

Square

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



C5EE66



00FFFF



DECFFF



FFACA4

Rectangle

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



C5EE66



00FEC4



DECFFF



FFA9FB

Sweetspot

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



C5EE66



F2FFD4



EE8F66



788066



000000



808080

Same Dimension

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



C5EE66



CAFF4F



81EE66



74786C



80B800



273800

Inverse Universe

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



8F66EE



844FFF



D366EE



6F6C78



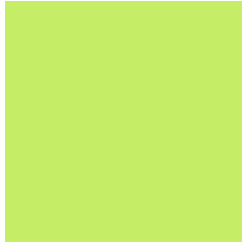
3700B8



110038

Previews

White Background



This preview shows how the Hex color C5EE66 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 C5EE66 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 C5EE66 Background



This preview shows how black text looks on a background with the Hex color C5EE66.

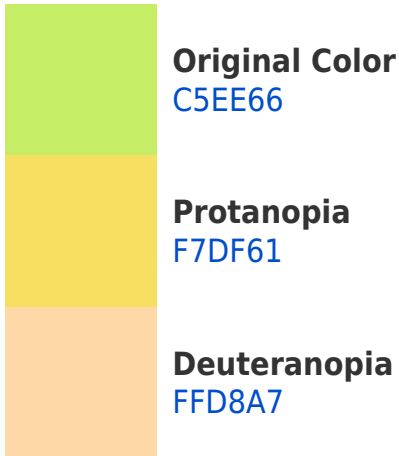


This preview shows how white text looks on a background with the Hex color C5EE66.

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



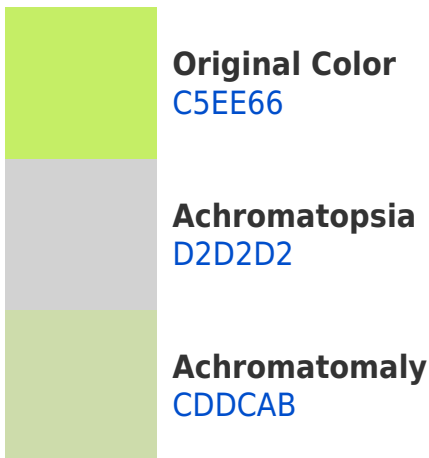


Tritanopia
D6DFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C5EE66 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 #C5EE66 looks like.

```
.text, #text, p{  
    color:#C5EE66  
}
```

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 #C5EE66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5EE66
}
```

Border

The CSS property to change the border of an element to Hex C5EE66 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
#C5EE66 }
```

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

```
.border{ border-color:#C5EE66 }
```

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

Here you see how a box with a 4 pixel #C5EE66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5EE66; -webkit-box-shadow:4px 4px  
4px 4px #C5EE66; box-shadow:4px 4px 4px  
4px #C5EE66 }
```

Background

The CSS property to change the background color of an element to Hex C5EE66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5EE66 }
```

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

```
.background{ background-color:#C5EE66 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor