

# Converting Colors

Hex(CCEE44)

Have a look what the booklet for  
Hex(CCEE44) contains.

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# Color

Hex(CCEE44)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | CCEE44                      |
| RGB         | 204, 238, 68                |
| RGB Percent | 80%, 93%, 27%               |
| CMY         | 0.2000, 0.0667, 0.7333      |
| CMYK        | 0.14, 0.00, 0.71, 0.07      |
| HSL         | 72°, 83%, 60%               |
| HSV         | 72°, 71%, 93%               |
| XYZ         | 56.5198, 74.4038, 16.8513   |
| YIQ         | 208.4540, 34.3060, -60.0780 |

# Conversions

## Conversions Part 2

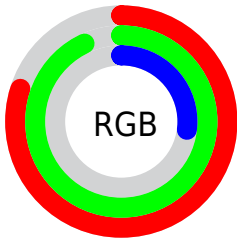
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 68, 238, 102                   |
| Decimal                             | 13430340                       |
| CIELab                              | 89.11, -32.61, 73.85           |
| CIElCh                              | 89, 80.731, 113.827            |
| Yxy                                 | 74.4038, 0.3825,<br>0.5035     |
| Android<br>(android.graphics.Color) | 4291620420<br>(0xFFCCEE44)     |
| YUV                                 | 208.4540, -69.2438,<br>-3.9062 |
| Hunter-Lab                          | 86.2576, -33.9899,<br>48.7974  |

# Details

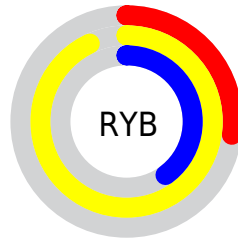
The Hex color **CCEE44** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **6644EE**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFF7E**, and **92B600** is the 20% darker color. If you saturate the color by 10%, you get **C7EE2C**, and if you desaturate by 10%, it is **D1EE5C**.

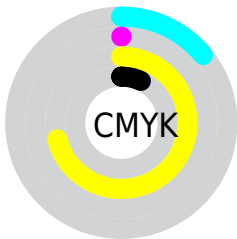
# Distribution



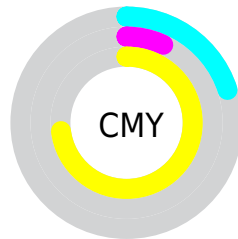
- Red (80%)
- Green (93%)
- Blue (27%)



- Red (27%)
- Yellow (93%)
- Blue (40%)



- Cyan (14%)
- Magenta (0%)
- Yellow (71%)
- Black (7%)



- Cyan (20%)
- Magenta (7%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCEE44 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 CCEE44 by changing the saturation by 10% instead.



 CCEE44

 CCEE44

FFFFFF

 AFD222

 FFFF7E

 92B600

 FFFF9B

 759B00

 FFFFB8

 598100

 FFFF D5

 3D6800

 FFFFF3

 1F4F00

 003800

 002400

 000000

 CCEE44

 CCEE44

 C7EE2C

 D1EE5C

 C2EE14

 D6EE74

 BEEE00

 DAEE8B

 DFEEA3

 E4EEBB

 E9EED3

 EDEEEB

 F2EEFF

 F7EEFF

# Harmonies

## Analogous

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



FFD737



CCEE44



66FD80

# Triad

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



CCEE44



00FEFF



FF99F3

# Complementary

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



CCEE44



6644EE

# 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.



FFB1FF



CCEE44



00EDFF

# Square

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



CCEE44



00FFFF



C4D2FF



FF9DA6

# Rectangle

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



CCEE44



00FFB2



C4D2FF



FF9EFF

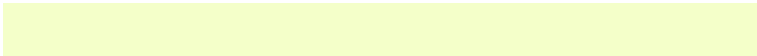


# Sweetspot

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



CCEE44



F4FFC9



EE6644



798060



000000



808080



# Same Dimension

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



CCEE44



D3FF24



77EE44



75786C



93B800



2D3800



# Inverse Universe

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



6644EE



5024FF



BB44EE



6E6C78



2500B8

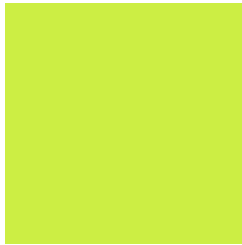


0B0038



# Previews

## White Background



This preview shows how the Hex color CCEE44 looks on a white background.

## Color Contrast Check

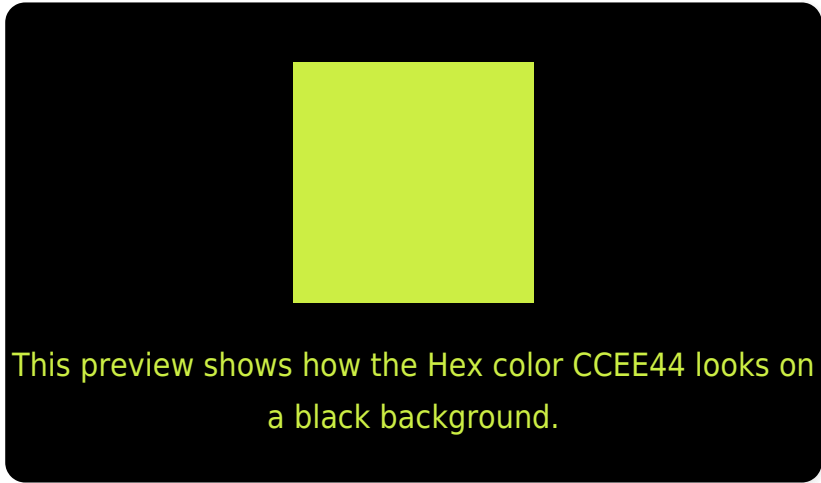
Large Text (above 18pt) WCAG AA × Fail

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 CCEE44 Background



This preview shows how black text looks on a background with the Hex color CCEE44.

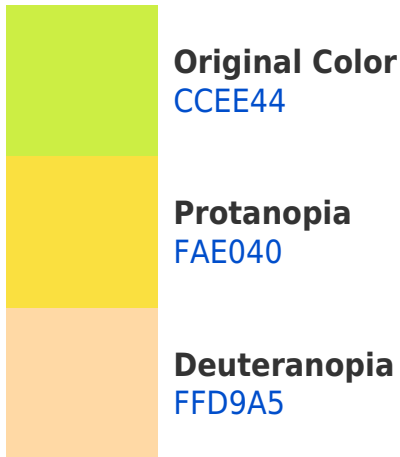


This preview shows how white text looks on a background with the Hex color CCEE44.

# Color Blindness Simulation

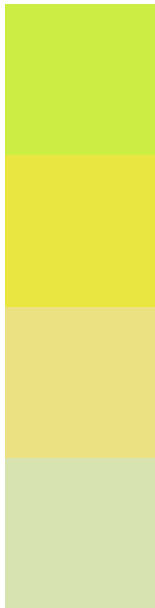
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



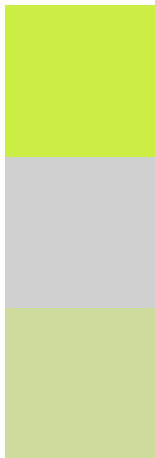
**Original Color**  
CCEE44

**Protanomaly**  
E9E541

**Deuteranomaly**  
ECE182

**Tritanomaly**  
D7E4B1

# Monochromacy



**Original Color**  
CCEE44

**Achromatopsia**  
D0D0D0

**Achromatomaly**  
CFDB9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCEE44 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 #CCEE44 looks like.

```
.text, #text, p{  
    color:#CCEE44  
}
```

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 #CCEE44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCEE44  
}
```

## Border

The CSS property to change the border of an element to Hex CCEE44 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  
#CCEE44 }
```

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

```
.border{ border-color:#CCEE44 }
```

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

Here you see how a box with a 4 pixel #CCEE44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCEE44; -webkit-box-shadow:4px 4px  
4px 4px #CCEE44; box-shadow:4px 4px 4px  
4px #CCEE44 }
```

# Background

The CSS property to change the background color of an element to Hex CCEE44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCEE44 }
```

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

```
.background{ background-color:#CCEE44 }
```

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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