

Converting Colors

Hex(CCEC53)

Have a look what the booklet for
Hex(CCEC53) contains.

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Color

Hex(CCEC53)

Conversions

Conversions Part 1

Format	Color
Hex	CCEC53
RGB	204, 236, 83
RGB Percent	80%, 93%, 33%
CMY	0.2000, 0.0745, 0.6745
CMYK	0.14, 0.00, 0.65, 0.07
HSL	73°, 80%, 63%
HSV	73°, 65%, 93%
XYZ	56.4586, 73.4528, 19.3857
YIQ	208.9900, 30.0410, -54.3670

Conversions

Conversions Part 2

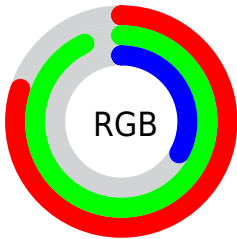
Format	Color
R_{YB}	83, 236, 115
Decimal	13429843
CIE _{Lab}	88.66, -30.83, 67.94
CIE _{LCh}	89, 74.607, 114.405
Yxy	73.4528, 0.3782, 0.4920
Android (android.graphics.Color)	4291619923 (0xFFCCEC53)
YUV	208.9900, -62.1131, -4.3762
Hunter-Lab	85.7046, -32.3947, 46.5823

Details

The Hex color **CCEC53** 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 **7353EC**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFF8B**, and **92B40F** is the 20% darker color. If you saturate the color by 10%, you get **C7EC3B**, and if you desaturate by 10%, it is **D1EC6B**.

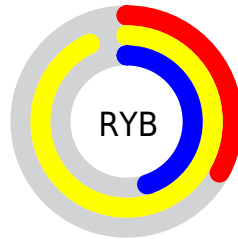
Distribution



Red (80%)

Green (93%)

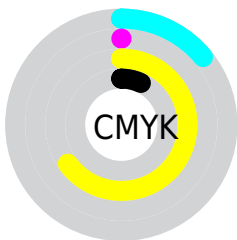
Blue (33%)



Red (33%)

Yellow (93%)

Blue (45%)

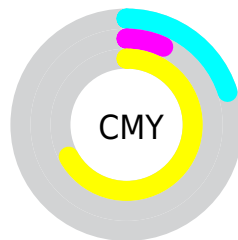


Cyan (14%)

Magenta (0%)

Yellow (65%)

Black (7%)



Cyan (20%)

Magenta (7%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCEC53 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 CCEC53 by changing the saturation by 10% instead.

 CCEC53

FFFFFF

 FFFF8B

 FFFFA7

 FFFFC4

 FFFFE1

 CCEC53

 AFD036

 92B40F

 769900

 5B7F00

 406600

 234E00

 003700

 002300

 000000

 CCEC53

 CCEC53

 C7EC3B

 D1EC6B

 C2EC24

 D6EC82

 BDEC0C

 DBEC9A

 BBEC00

 E0ECB1

 E5ECC9

 EAECE1

 EFECF8

 F3ECFF

 F8ECFF

Harmonies

Analogous

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



FFD647



CCEC53



70FA88

Triad

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



CCEC53



00FAFF



FF9FEF

Complementary

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



CCEC53



7353EC

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.



FFB3FF



CCEC53



00EBFF

Square

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



CCEC53



00FFFF



CAD1FF



FFA3A8

Rectangle

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



CCEC53



00FFB6



CAD1FF



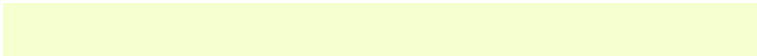
FFA4FF

Sweetspot

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



CCEC53



F5FFCF



EC7253



798062



000000



808080

Same Dimension

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



CCEC53



D5FF38



81EC53



73756A



8FB500



2A3600

Inverse Universe

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



7353EC



6238FF



BE53EC



6C6A75



2600B5



0B0036

Previews

White Background



This preview shows how the Hex color CCEC53 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 CCEC53 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 CCEC53 Background



This preview shows how black text looks on a background with the Hex color CCEC53.

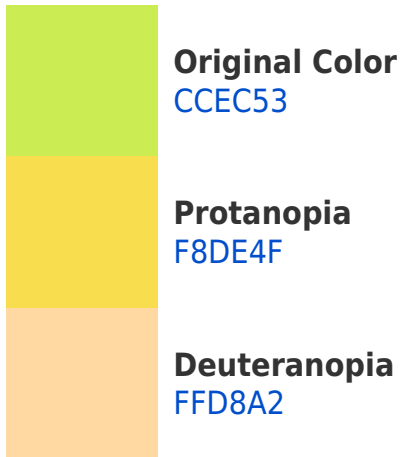


This preview shows how white text looks on a background with the Hex color CCEC53.

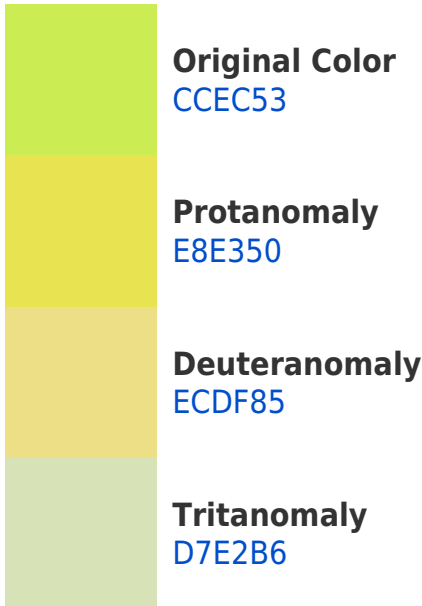
Color Blindness Simulation

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](#).

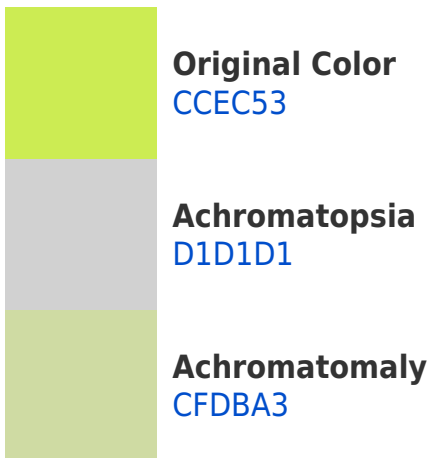
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCEC53 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 #CCEC53 looks like.

```
.text, #text, p{  
    color:#CCEC53  
}
```

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 #CCEC53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCEC53
}
```

Border

The CSS property to change the border of an element to Hex CCEC53 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
#CCEC53 }
```

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

```
.border{ border-color:#CCEC53 }
```

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

Here you see how a box with a 4 pixel `#CCEC53` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCEC53; -webkit-box-shadow:4px 4px  
4px 4px #CCEC53; box-shadow:4px 4px 4px  
4px #CCEC53 }
```

Background

The CSS property to change the background color of an element to Hex CCEC53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCEC53 }
```

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

```
.background{ background-color:#CCEC53 }
```

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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