

# Converting Colors

Hex(CBE055)

Have a look what the booklet for  
Hex(CBE055) contains.

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**Color**

**Hex(CBE055)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBE055
RGB	203, 224, 85
RGB Percent	80%, 88%, 33%
CMY	0.2039, 0.1216, 0.6667
CMYK	0.09, 0.00, 0.62, 0.12
HSL	69°, 69%, 61%
HSV	69°, 62%, 88%
XYZ	52.9239, 66.6637, 18.6723
YIQ	201.8750, 32.1030, -47.6810

# Conversions

## Conversions Part 2

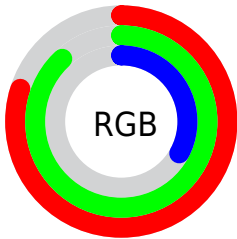
Format	Color
<a href="#">RYB</a>	<a href="#">85, 224, 106</a>
Decimal	<a href="#">13361237</a>
CIELab	<a href="#">85.33, -25.44, 63.60</a>
CIELCh	<a href="#">85, 68.496, 111.800</a>
Yxy	<a href="#">66.6637, 0.3828, 0.4822</a>
Android (android.graphics.Color)	<a href="#">4291551317 (0xFFCBE055)</a>
YUV	<a href="#">201.8750, -57.6194, 0.9866</a>
Hunter-Lab	<a href="#">81.6478, -27.1804, 43.5943</a>

# Details

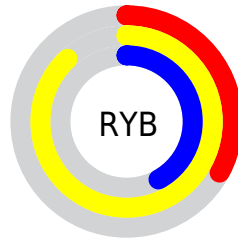
The Hex color **CBE055** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **6A55E0**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFF8C**, and **92A918** is the 20% darker color. If you saturate the color by 10%, you get **C8E03F**, and if you desaturate by 10%, it is **CEE06B**.

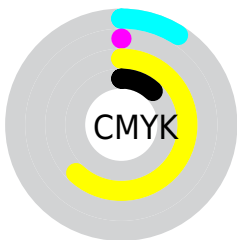
# Distribution



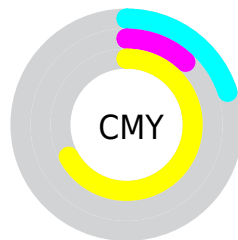
- Red (80%)
- Green (88%)
- Blue (33%)



- Red (33%)
- Yellow (88%)
- Blue (42%)



- Cyan (9%)
- Magenta (0%)
- Yellow (62%)
- Black (12%)



- Cyan (20%)
- Magenta (12%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBE055 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 CBE055 by changing the saturation by 10% instead.



 CBE055

 CBE055

FFFFFF

 AEC439

 FFFF8C

 92A918

 FFFFA8

 768E00

 FFFFC5

 5B7500

 FFFFE1

 405C00

 254400

 072E00

 001B00

 000000

 CBE055

 CBE055

 C8E03F

 CEE06B

 C4E028

 D2E082

 C1E012

 D5E098

 BEE000

 D9E0AF

 DCE0C5

 DFE0DB

 E3E0F2

 E6E0FF

 E9E0FF

# Harmonies

## Analogous

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



FFCC4F



CBE055



7CED81

# Triad

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



CBE055



00EFFF



FF9DEA

# Complementary

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



CBE055



6A55E0

# 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



CBE055



00E2FF

# Square

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



CBE055



00F5FF



BACBFF



FF9FA9

# Rectangle

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



CBE055



00F3AA



BACBFF



FFA2FF

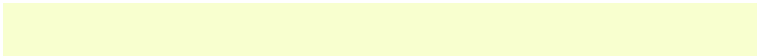


# Sweetspot

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



CBE055



F8FFCF



E06A55



7B8062



000000



808080



# Same Dimension

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



CBE055



E2FF42



86E055



6F7065



95B000



293000



# Inverse Universe

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



6A55E0



5F42FF



AF55E0



676570



1B00B0



070030



# Previews

## White Background



This preview shows how the Hex color CBE055 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 CBE055 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 CBE055 Background



This preview shows how black text looks on a background with the Hex color CBE055.

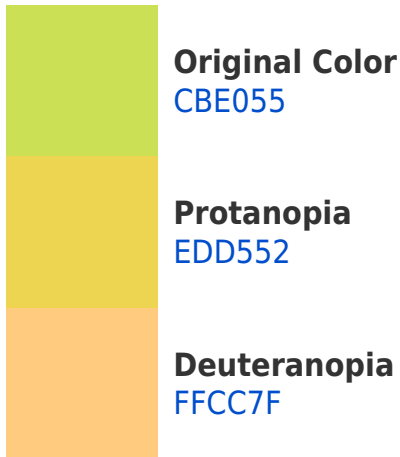


This preview shows how white text looks on a background with the Hex color CBE055.

# 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](#).

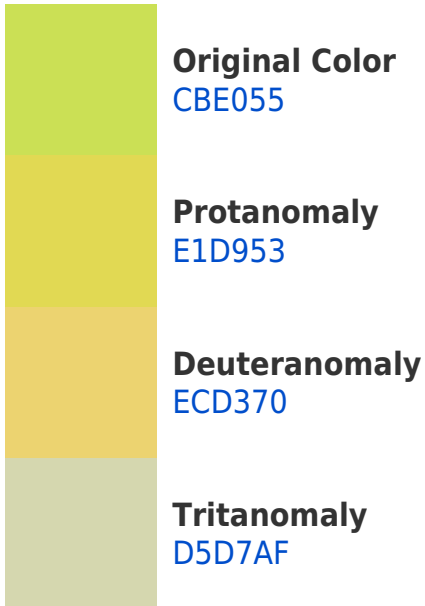
## Dichromacy



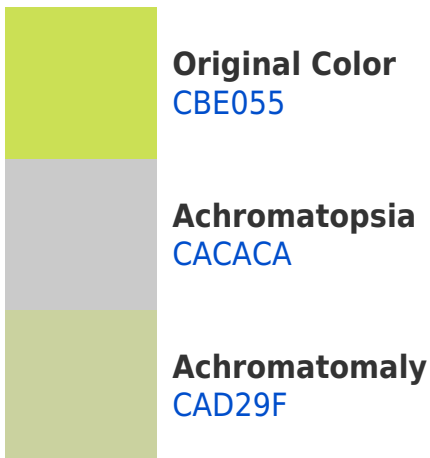


**Tritanopia**  
DAD2E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBE055 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 #CBE055 looks like.

```
.text, #text, p{  
    color:#CBE055  
}
```

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 #CBE055 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBE055
}
```

## Border

The CSS property to change the border of an element to Hex CBE055 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
#CBE055 }
```

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

```
.border{ border-color:#CBE055 }
```

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

Here you see how a box with a 4 pixel #CBE055 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBE055; -webkit-box-shadow:4px 4px  
4px 4px #CBE055; box-shadow:4px 4px 4px  
4px #CBE055 }
```

# Background

The CSS property to change the background color of an element to Hex CBE055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBE055 }
```

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

```
.background{ background-color:#CBE055 }
```

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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