

# Converting Colors

Hex(CBE168)

Have a look what the booklet for  
Hex(CBE168) contains.

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**Color**

**Hex(CBE168)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBE168
RGB	203, 225, 104
RGB Percent	80%, 88%, 41%
CMY	0.2039, 0.1176, 0.5922
CMYK	0.10, 0.00, 0.54, 0.12
HSL	71°, 67%, 65%
HSV	71°, 54%, 88%
XYZ	54.0525, 67.5464, 23.2856
YIQ	204.6280, 25.7290, -42.2950

# Conversions

## Conversions Part 2

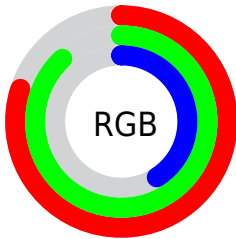
Format	Color
<a href="#">RYB</a>	<a href="#">104, 225, 126</a>
Decimal	<a href="#">13361512</a>
CIELab	<a href="#">85.78, -24.45, 55.88</a>
CIELCh	<a href="#">86, 60.995, 113.635</a>
Yxy	<a href="#">67.5464, 0.3731, 0.4662</a>
Android (android.graphics.Color)	<a href="#">4291551592</a> ( <a href="#">0xFFCBE168</a> )
YUV	<a href="#">204.6280, -49.6096, -1.4278</a>
Hunter-Lab	<a href="#">82.1866, -26.4307, 40.7322</a>

# Details

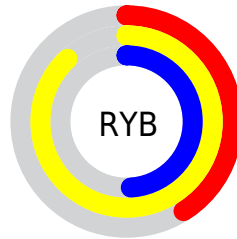
The Hex color **CBE168** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7E68E1**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF9E**, and **92AA32** is the 20% darker color. If you saturate the color by 10%, you get **C7E152**, and if you desaturate by 10%, it is **CFE17E**.

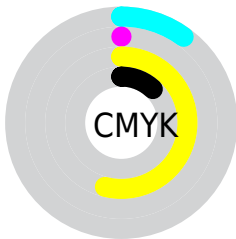
# Distribution



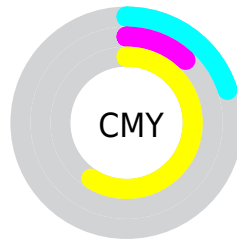
- Red (80%)
- Green (88%)
- Blue (41%)



- Red (41%)
- Yellow (88%)
- Blue (49%)



- Cyan (10%)
- Magenta (0%)
- Yellow (54%)
- Black (12%)



- Cyan (20%)
- Magenta (12%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBE168 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 CBE168 by changing the saturation by 10% instead.



 CBE168

FFFFFF

 FFFF9E

 FFFFBA

 FFFFFD7

 FFFFF4

 CBE168

 AEC54D

 92AA32

 778F13

 5C7600

 425D00

 284500

 0B2F00

 001C00

 000000

 CBE168

 CBE168

 C7E152

 CFE17E

 C3E13B

 D3E195

 BFE125

 D7E1AC

 BBE10E

 DBE1C2

 B8E100

 DFE1D9

 E4E1EF

 E8E1FF

 ECE1FF

 F0E1FF

# Harmonies

## Analogous

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



FFCF60



CBE168



85ED8F

# Triad

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



CBE168



00EDFF



FFA7E5

# Complementary

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



CBE168



7E68E1

# 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.



FFB6FF



CBE168



42E0FF

# Square

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



CBE168



00F3FF



C7CCFF



FFA9AB

# Rectangle

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



CBE168



3DF2B4



C7CCFF



FFAAF9



# Sweetspot

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



CBE168



F8FFD6



E17C68



7B8067



000000



808080



# Same Dimension

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



CBE168



E1FF59



90E168



6E7065



90B000



283000



# Inverse Universe

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



7E68E1



7759FF



B968E1



676570



2000B0



090030



# Previews

## White Background



This preview shows how the Hex color CBE168 looks on a white background.

## Color Contrast Check

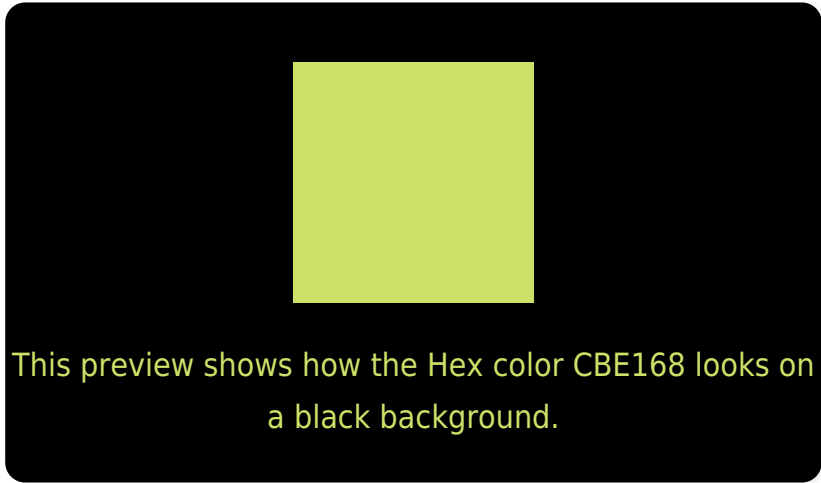
Large Text (above 18pt) WCAG AA × Fail

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 CBE168 Background



This preview shows how black text looks on a background with the Hex color CBE168.

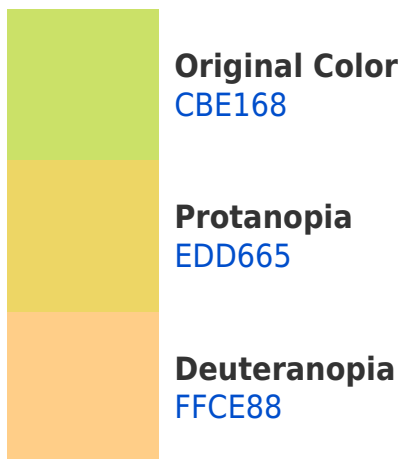


This preview shows how white text looks on a background with the Hex color CBE168.

# 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](#).

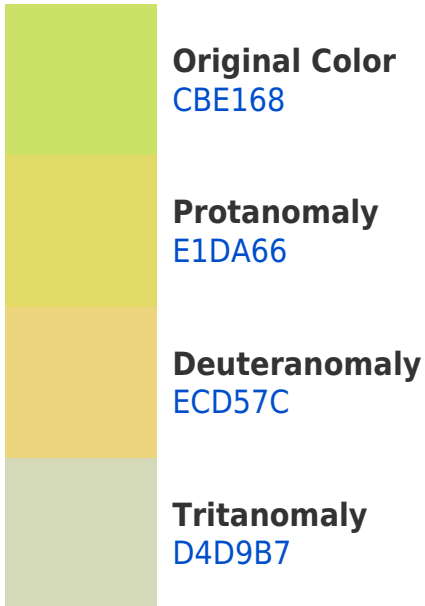
## Dichromacy



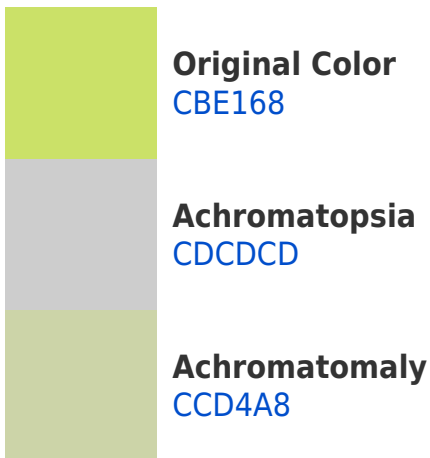


**Tritanopia**  
D9D4E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBE168 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 #CBE168 looks like.

```
.text, #text, p{  
    color:#CBE168  
}
```

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 #CBE168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBE168
}
```

## Border

The CSS property to change the border of an element to Hex CBE168 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
#CBE168 }
```

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

```
.border{ border-color:#CBE168 }
```

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

Here you see how a box with a 4 pixel #CBE168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBE168; -webkit-box-shadow:4px 4px  
4px 4px #CBE168; box-shadow:4px 4px 4px  
4px #CBE168 }
```

# Background

The CSS property to change the background color of an element to Hex CBE168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBE168 }
```

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

```
.background{ background-color:#CBE168 }
```

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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