

# Converting Colors

Hex(E2CB57)

Have a look what the booklet for  
Hex(E2CB57) contains.

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# **Color**

**Hex(E2CB57)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2CB57
RGB	226, 203, 87
RGB Percent	89%, 80%, 34%
CMY	0.1137, 0.2039, 0.6588
CMYK	0.00, 0.10, 0.62, 0.11
HSL	50°, 71%, 61%
HSV	50°, 62%, 89%
XYZ	54.4403, 59.5687, 17.6454
YIQ	196.6530, 50.9440, -31.2000

# Conversions

## Conversions Part 2

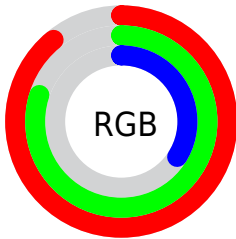
Format	Color
<a href="#">RYB</a>	<a href="#">115, 226, 87</a>
Decimal	<a href="#">14863191</a>
CIELab	<a href="#">81.60, -5.47, 59.24</a>
CIELCh	<a href="#">82, 59.493, 95.271</a>
Yxy	<a href="#">59.5687, 0.4135, 0.4525</a>
Android (android.graphics.Color)	<a href="#">4293053271 (0xFFE2CB57)</a>
YUV	<a href="#">196.6530, -54.0589, 25.7373</a>
Hunter-Lab	<a href="#">77.1808, -9.1596, 40.4714</a>

# Details

The Hex color **E2CB57** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **576EE2**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **FFFF8D**, and **A8951F** is the 20% darker color. If you saturate the color by 10%, you get **E2C740**, and if you desaturate by 10%, it is **E2CF6E**.

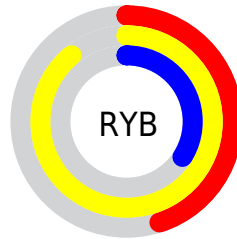
# Distribution



Red (89%)

Green (80%)

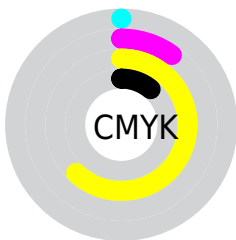
Blue (34%)



Red (45%)

Yellow (89%)

Blue (34%)

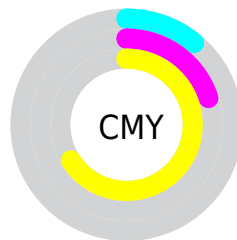


Cyan (0%)

Magenta (10%)

Yellow (62%)

Black (11%)



Cyan (11%)

Magenta (20%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2CB57 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 E2CB57 by changing the saturation by 10% instead.



 E2CB57

 E2CB57

FFFFFF

 C5B03C

 FFFF8D

 A8951F

 FFFFA9

 8B7C00

 FFFFC5

 6F6300

 FFFFE2

 554B00

 3A3500

 212000

 000A00

 000000

 E2CB57

 E2CB57

 E2C740

 E2CF6E

 E2C42A

 E2D284

 E2C013

 E2D69B

 E2BD00

 E2DAB1

 E2DEC8

 E2E1DF

 E2E5F5

 E2E9FF

 E2EDFF

# Harmonies

## Analogous

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



FFB765



E2CB57



A7DA6C

# Triad

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



E2CB57



00E5FF



FFA4FB

# Complementary

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



E2CB57



576EE2

# 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.



DCB8FF



E2CB57



00DDFF

# Square

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



E2CB57



00E7D3



79CDFE



FF9BC3

# Rectangle

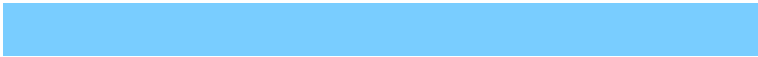
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E2CB57



77E189



79CDFF



FFAAFF



# Sweetspot

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



E2CB57



FFF7D1



E2576E



807B63



000000



808080



# Same Dimension

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



E2CB57



FFE042



B4E257



706E65



B09300



302800



# Inverse Universe

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



576EE2



4262FF



8557E2



656770



001DB0



000830



# Previews

## White Background



This preview shows how the Hex color E2CB57 looks on a white background.

## Color Contrast Check

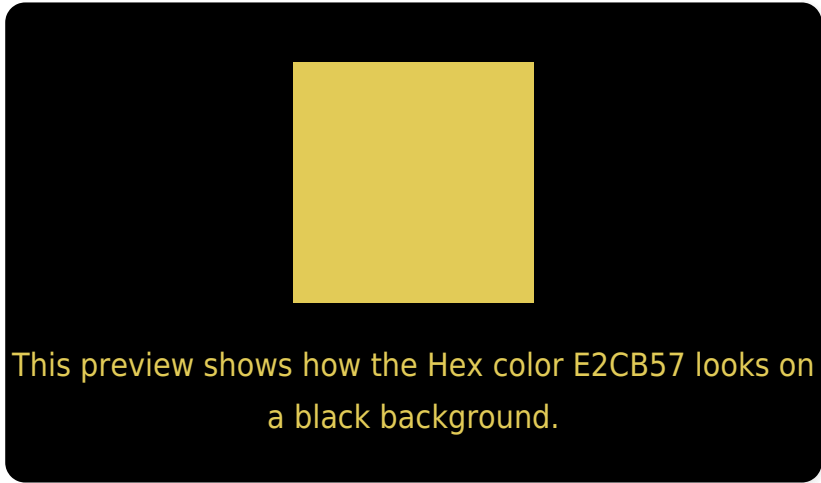
Large Text (above 18pt) WCAG AA × Fail

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 E2CB57 Background



This preview shows how black text looks on a background with the Hex color E2CB57.

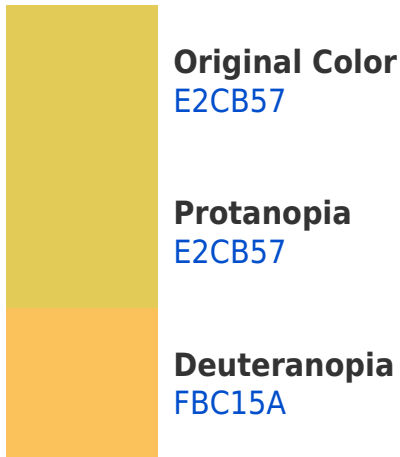


This preview shows how white text looks on a background with the Hex color E2CB57.

# Color Blindness Simulation

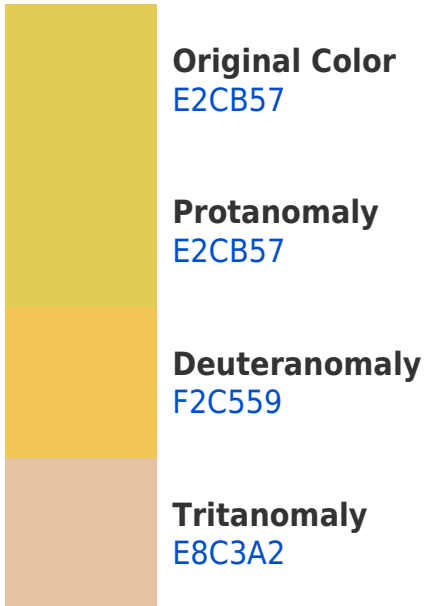
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

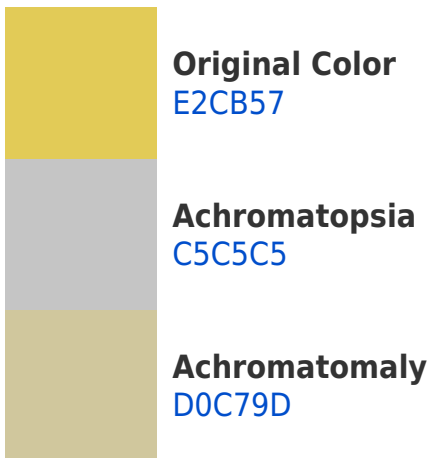




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2CB57 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 #E2CB57 looks like.

```
.text, #text, p{  
    color:#E2CB57  
}
```

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 #E2CB57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2CB57
}
```

## Border

The CSS property to change the border of an element to Hex E2CB57 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
#E2CB57 }
```

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

```
.border{ border-color:#E2CB57 }
```

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

Here you see how a box with a 4 pixel #E2CB57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2CB57; -webkit-box-shadow:4px 4px  
4px 4px #E2CB57; box-shadow:4px 4px 4px  
4px #E2CB57 }
```

# Background

The CSS property to change the background color of an element to Hex E2CB57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2CB57 }
```

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

```
.background{ background-color:#E2CB57 }
```

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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