

# Converting Colors

Hex(E2C45B)

Have a look what the booklet for  
Hex(E2C45B) contains.

<b>Hex(E2C45B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E2C45B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2C45B
RGB	226, 196, 91
RGB Percent	89%, 77%, 36%
CMY	0.1137, 0.2314, 0.6431
CMYK	0.00, 0.13, 0.60, 0.11
HSL	47°, 70%, 62%
HSV	47°, 60%, 89%
XYZ	52.9923, 56.4039, 17.9916
YIQ	193.0000, 51.5850, -26.2950

# Conversions

## Conversions Part 2

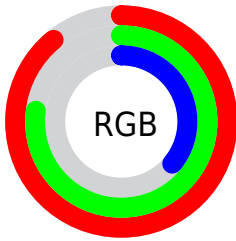
Format	Color
<a href="#">RYB</a>	<a href="#">130, 226, 91</a>
Decimal	<a href="#">14861403</a>
CIELab	<a href="#">79.84, -1.59, 55.50</a>
CIELCh	<a href="#">80, 55.521, 91.645</a>
Yxy	<a href="#">56.4039, 0.4160, 0.4428</a>
Android (android.graphics.Color)	<a href="#">4293051483</a> (0xFFE2C45B)
YUV	<a href="#">193.0000, -50.2860, 28.9410</a>
Hunter-Lab	<a href="#">75.1026, -5.4801, 38.3683</a>

# Details

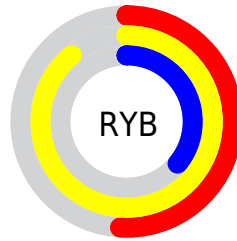
The Hex color **E2C45B** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **5B79E2**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFFC90**, and **A88F25** is the 20% darker color. If you saturate the color by 10%, you get **E2BF44**, and if you desaturate by 10%, it is **E2C972**.

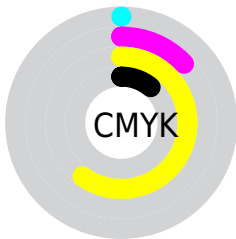
# Distribution



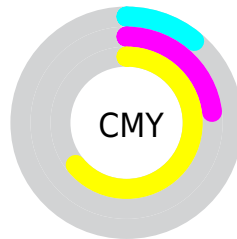
- Red (89%)
- Green (77%)
- Blue (36%)



- Red (51%)
- Yellow (89%)
- Blue (36%)



- Cyan (0%)
- Magenta (13%)
- Yellow (60%)
- Black (11%)



- Cyan (11%)
- Magenta (23%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2C45B 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 E2C45B by changing the saturation by 10% instead.



 E2C45B

 E2C45B

FFFFFF

 C5A941

 FFFC90

 A88F25

 FFFFAC

 8B7501

 FFFFC8

 705D00

 FFFF E5

 554500

 3A3000

 221B00

 000000

 E2C45B

 E2C45B

 E2BF44

 E2C972

 E2BA2E

 E2CE88

 E2B517

 E2D39F

 E2B001

 E2D8B5

 E2B000

 E2DDCC

 E2E2E3

 E2E7F9

 E2ECFF

 E2F1FF

# Harmonies

## Analogous

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



FFB16B



E2C45B



ADD36A

# Triad

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



E2C45B



00DFFB



FFA4F8

# Complementary

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



E2C45B



5B79E2

# 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.



CDB7FF



E2C45B



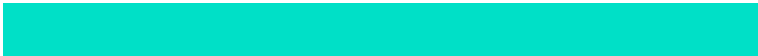
00D8FF

# Square

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



E2C45B



00E0C7



6FCAFF



FF9AC5

# Rectangle

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



E2C45B



82DA83



6FCAFF



F8AAFF



# Sweetspot

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



E2C45B



FFF5D1



E25B7B



807963



000000



808080



# Same Dimension

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



E2C45B



FFD647



BEE25B



706E65



B08900



302600



# Inverse Universe

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



5B79E2



4770FF



7F5BE2



656770



0027B0



000B30



# Previews

## White Background



This preview shows how the Hex color E2C45B looks on a white background.

## Color Contrast Check

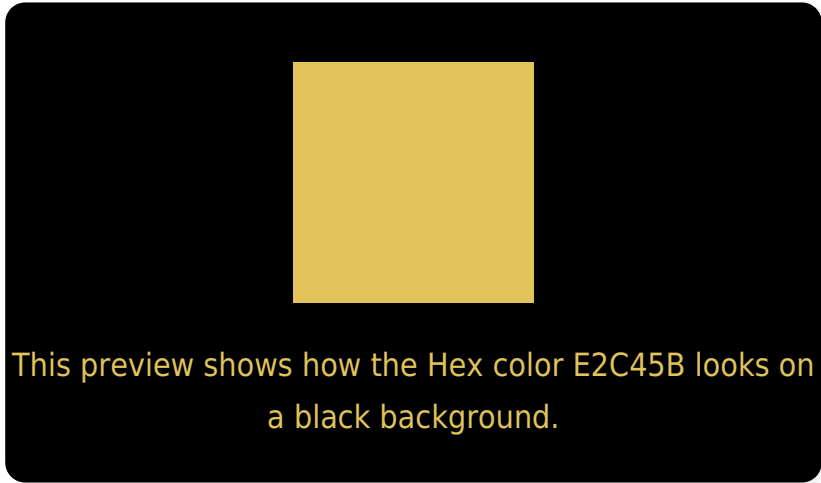
Large Text (above 18pt) WCAG AA × Fail

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 E2C45B Background



This preview shows how black text looks on a background with the Hex color E2C45B.

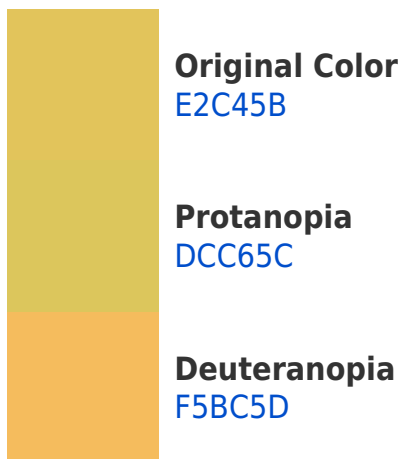


This preview shows how white text looks on a background with the Hex color E2C45B.

# 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](#).

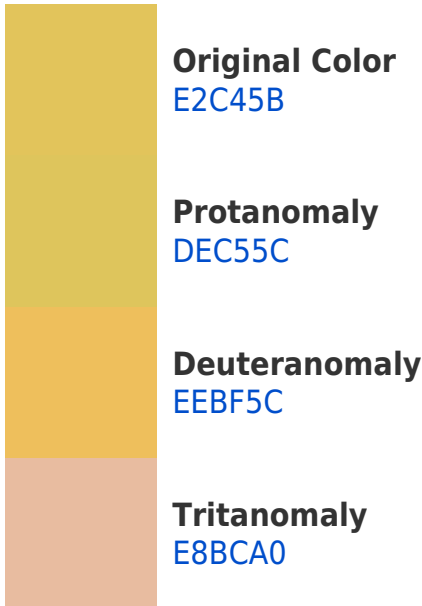
## Dichromacy



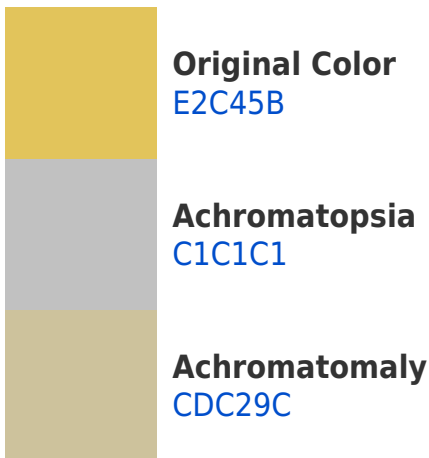


**Tritanopia**  
EBB8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2C45B 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 #E2C45B looks like.

```
.text, #text, p{  
    color:#E2C45B  
}
```

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 #E2C45B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2C45B
}
```

## Border

The CSS property to change the border of an element to Hex E2C45B 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
#E2C45B }
```

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

```
.border{ border-color:#E2C45B }
```

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

Here you see how a box with a 4 pixel #E2C45B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2C45B; -webkit-box-shadow:4px 4px  
4px 4px #E2C45B; box-shadow:4px 4px 4px  
4px #E2C45B }
```

# Background

The CSS property to change the background color of an element to Hex E2C45B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2C45B }
```

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

```
.background{ background-color:#E2C45B }
```

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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