

Converting Colors

Hex(E8CB2B)

Have a look what the booklet for
Hex(E8CB2B) contains.

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Color

Hex(E8CB2B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E8CB2B |
| RGB | 232, 203, 43 |
| RGB Percent | 91%, 80%, 17% |
| CMY | 0.0902, 0.2039, 0.8314 |
| CMYK | 0.00, 0.13, 0.81, 0.09 |
| HSL | 51°, 80%, 54% |
| HSV | 51°, 81%, 91% |
| XYZ | 55.0707, 60.0421, 10.9722 |
| YIQ | 193.4310, 68.6440, -43.6120 |

Conversions

Conversions Part 2

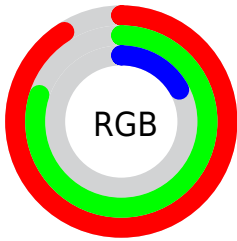
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 77, 232, 43 |
| Decimal | 15256363 |
| CIELab | 81.86, -4.98, 75.66 |
| CIElCh | 82, 75.820, 93.766 |
| Yxy | 60.0421, 0.4368, 0.4762 |
| Android (android.graphics.Color) | 4293446443 (0xFFE8CB2B) |
| YUV | 193.4310, -74.1625, 33.8250 |
| Hunter-Lab | 77.4868, -8.7402, 45.8452 |

Details

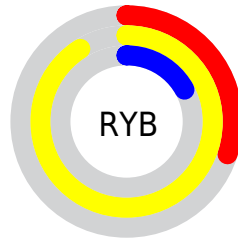
The Hex color **E8CB2B** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **2B48E8**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFF68**, and **AC9500** is the 20% darker color. If you saturate the color by 10%, you get **E8C714**, and if you desaturate by 10%, it is **E8CF42**.

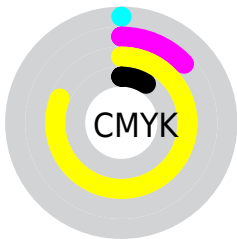
Distribution



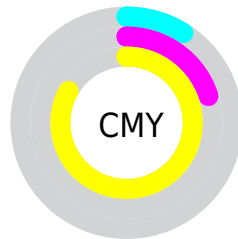
- Red (91%)
- Green (80%)
- Blue (17%)



- Red (30%)
- Yellow (91%)
- Blue (17%)



- Cyan (0%)
- Magenta (13%)
- Yellow (81%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color E8CB2B 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 E8CB2B by changing the saturation by 10% instead.

 E8CB2B

 E8CB2B

FFFFFF

 CAB000

 FFFF68

 AC9500

 FFFF84

 8F7C00

 FFFFA1

 726300

 FFFFBE

 564C00

 FFFFDB

 3B3500

 FFFFF9

 222000

 000A00

 000000

 E8CB2B

 E8CB2B

 E8C714

 E8CF42

 E8C400

 E8D259

 E8D671

 E8D988

 E8DD9F

 E8E0B6

 E8E4CD

 E8E7E5

 E8EBFC

Harmonies

Analogous

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



FFB048



E8CB2B



9FDE4B

Triad

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



E8CB2B



00ECFF



FF96FF

Complementary

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



E8CB2B



2B48E8

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.



D9B5FF



E8CB2B



00E3FF

Square

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



E8CB2B



00EDD3



07D1FF



FF87C5

Rectangle

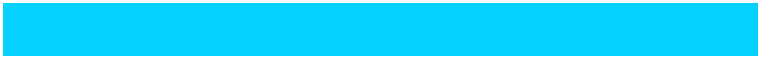
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E8CB2B



5BE673



07D1FF



FFA0FF

Sweetspot

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



E8CB2B



FFF6C2



E82B4B



807A5B



000000



808080

Same Dimension

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



E8CB2B



FFD905



A9E82B



737167



B39700



332B00

Inverse Universe

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



2B48E8



052BFF



6A2BE8



676973



001BB3



000833

Previews

White Background



This preview shows how the Hex color E8CB2B looks on a white background.

Color Contrast Check

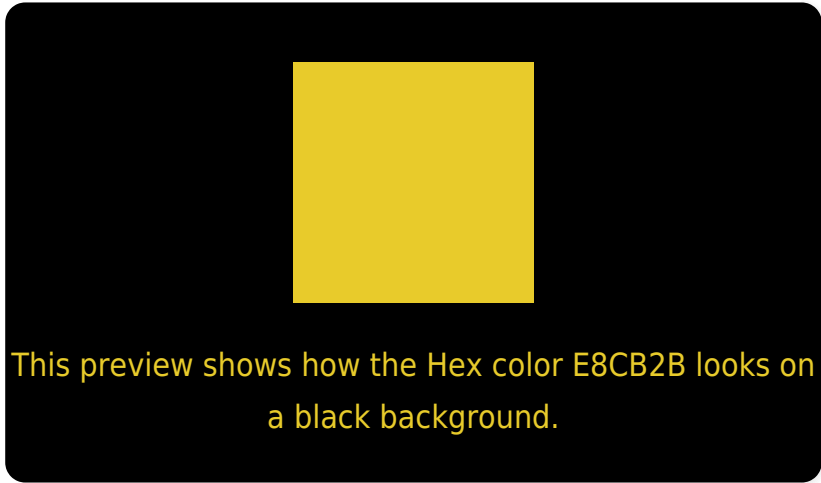
Large Text (above 18pt) WCAG AA × Fail

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 E8CB2B Background



This preview shows how black text looks on a background with the Hex color E8CB2B.



This preview shows how white text looks on a background with the Hex color E8CB2B.

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

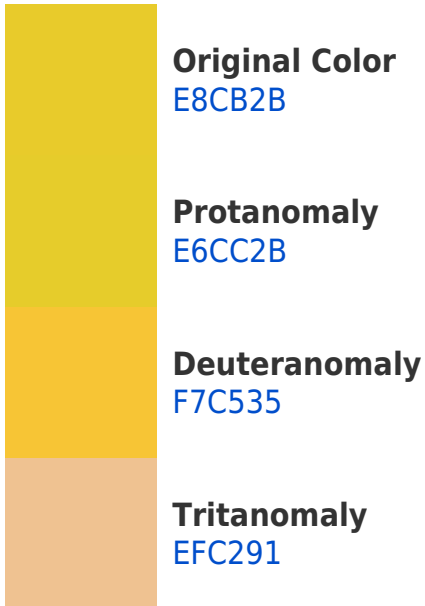


Original Color
E8CB2B

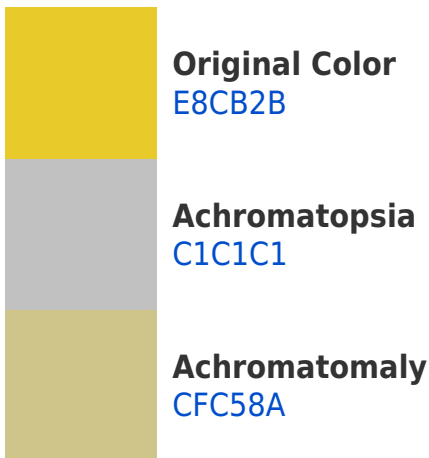
Protanopia
E5CC2B

Deuteranopia
FFC13B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E8CB2B 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 #E8CB2B looks like.

```
.text, #text, p{  
    color:#E8CB2B  
}
```

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 #E8CB2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8CB2B }  
}
```

Border

The CSS property to change the border of an element to Hex E8CB2B 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 #E8CB2B }  
}
```

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

```
.border{ border-color:#E8CB2B }
```

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

Here you see how a box with a 4 pixel #E8CB2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8CB2B; -webkit-box-shadow:4px 4px  
4px 4px #E8CB2B; box-shadow:4px 4px 4px  
4px #E8CB2B }
```

Background

The CSS property to change the background color of an element to Hex E8CB2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8CB2B }
```

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

```
.background{ background-color:#E8CB2B }
```

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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