

Converting Colors

Hex(E4CD2B)

Have a look what the booklet for
Hex(E4CD2B) contains.

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Color

Hex(E4CD2B)

Conversions

Conversions Part 1

Format	Color
Hex	E4CD2B
RGB	228, 205, 43
RGB Percent	89%, 80%, 17%
CMY	0.1059, 0.1961, 0.8314
CMYK	0.00, 0.10, 0.81, 0.11
HSL	53°, 77%, 53%
HSV	53°, 81%, 89%
XYZ	54.2623, 60.3310, 11.0706
YIQ	193.4090, 65.7100, -45.5060

Conversions

Conversions Part 2

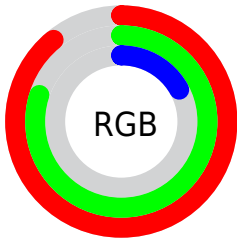
Format	Color
R_{YB}	69, 228, 43
Decimal	14994731
CIE Lab	82.02, -7.71, 75.65
CIE LCh	82, 76.041, 95.816
Yxy	60.3310, 0.4318, 0.4801
Android (android.graphics.Color)	4293184811 (0xFFE4CD2B)
YUV	193.4090, -74.1516, 30.3363
Hunter-Lab	77.6731, -11.2280, 45.9206

Details

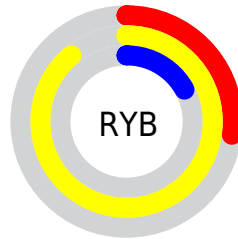
The Hex color **E4CD2B** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **2B42E4**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFF68**, and **A89700** is the 20% darker color. If you saturate the color by 10%, you get **E4CA14**, and if you desaturate by 10%, it is **E4D042**.

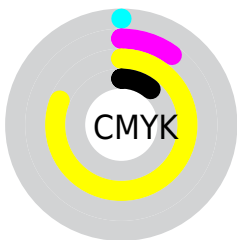
Distribution



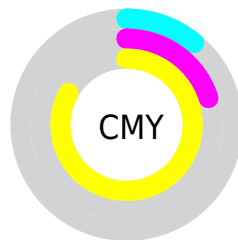
- Red (89%)
- Green (80%)
- Blue (17%)



- Red (27%)
- Yellow (89%)
- Blue (17%)



- Cyan (0%)
- Magenta (10%)
- Yellow (81%)
- Black (11%)



- Cyan (11%)
- Magenta (20%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color E4CD2B 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 E4CD2B by changing the saturation by 10% instead.

 E4CD2B

 E4CD2B

FFFFFF

 C6B200

 FFFF68

 A89700

 FFFF85

 8B7E00

 FFFFA1

 6F6500

 FFFFBE

 534D00

 FFFFDB

 383700

 FFFFF9

 1F2200

 000D00

 000000

 E4CD2B

 E4CD2B

 E4CA14

 E4D042

 E4C800

 E4D359

 E4D66F

 E4D886

 E4DB9D

 E4DEB4

 E4E1CB

 E4E4E1

 E4E7F8

Harmonies

Analogous

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



FFB345



E4CD2B



99DF4F

Triad

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



E4CD2B



00ECFF



FF95FF

Complementary

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



E4CD2B



2B42E4

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.



E1B3FF



E4CD2B



00E3FF

Square

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



E4CD2B



00EED8



39D0FF



FF88C1

Rectangle

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



E4CD2B



51E778



39D0FF



FF9EFF

Sweetspot

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



E4CD2B



FFF7C2



E42B44



807B5B



000000



808080

Same Dimension

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



E4CD2B



FFE008



A0E42B



737167



B39C00



332D00

Inverse Universe

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



2B42E4



0826FF



6F2BE4



676973



0016B3



000633

Previews

White Background



This preview shows how the Hex color E4CD2B looks on a white background.

Color Contrast Check

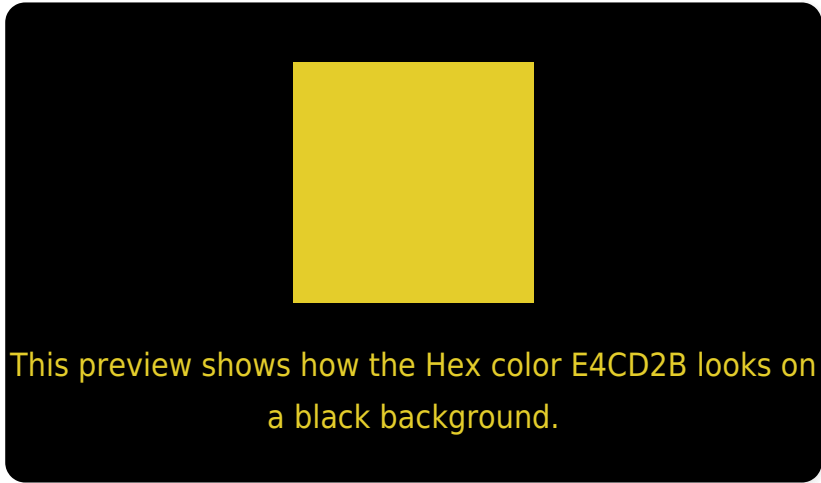
Large Text (above 18pt) WCAG AA × Fail

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 E4CD2B Background



This preview shows how black text looks on a background with the Hex color E4CD2B.



This preview shows how white text looks on a background with the Hex color E4CD2B.

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

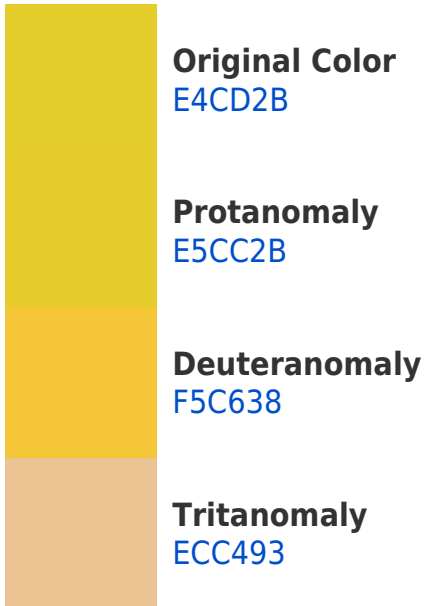


Original Color
E4CD2B

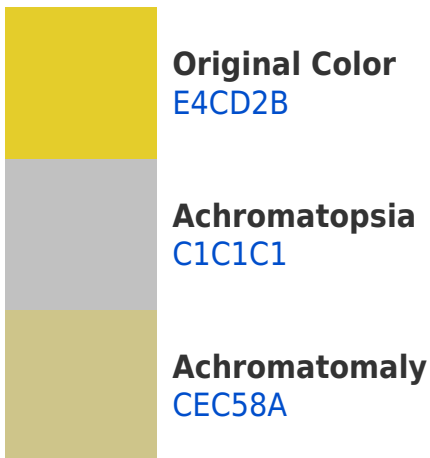
Protanopia
E5CC2B

Deuteranopia
FFC23F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E4CD2B 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 #E4CD2B looks like.

```
.text, #text, p{  
    color:#E4CD2B  
}
```

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 #E4CD2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4CD2B
}
```

Border

The CSS property to change the border of an element to Hex E4CD2B 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
#E4CD2B }
```

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

```
.border{ border-color:#E4CD2B }
```

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

Here you see how a box with a 4 pixel #E4CD2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4CD2B; -webkit-box-shadow:4px 4px  
4px 4px #E4CD2B; box-shadow:4px 4px 4px  
4px #E4CD2B }
```

Background

The CSS property to change the background color of an element to Hex E4CD2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4CD2B }
```

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

```
.background{ background-color:#E4CD2B }
```

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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