

Converting Colors

Hex(E1BC5C)

Have a look what the booklet for
Hex(E1BC5C) contains.

| | |
|------------------------------------------------|----|
| Hex(E1BC5C) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(E1BC5C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E1BC5C |
| RGB | 225, 188, 92 |
| RGB Percent | 88%, 74%, 36% |
| CMY | 0.1176, 0.2627, 0.6392 |
| CMYK | 0.00, 0.16, 0.59, 0.12 |
| HSL | 43°, 69%, 62% |
| HSV | 43°, 59%, 88% |
| XYZ | 50.9663, 52.7467, 17.6201 |
| YIQ | 188.1190, 52.8680, -22.0120 |

Conversions

Conversions Part 2

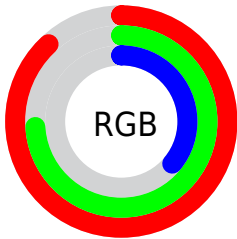
| Format | Color |
|------------------------------------------------------|---------------------------------------------|
| RYB | 143, 225, 92 |
| Decimal | 14793820 |
| CIELab | 77.73, 2.22, 52.61 |
| CIELCh | 78, 52.654, 87.580 |
| Yxy | 52.7467, 0.4201, 0.4347 |
| Android (android.graphics.Color) | 4292983900 (0xFFE1BC5C) |
| YUV | 188.1190, -47.3867, 32.3446 |
| Hunter-Lab | 72.6269, -1.8338, 36.4544 |

Details

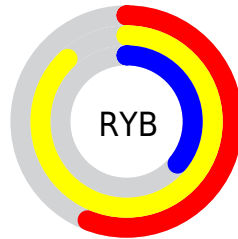
The Hex color **E1BC5C** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5C81E1**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFF491**, and **A78728** is the 20% darker color. If you saturate the color by 10%, you get **E1B646**, and if you desaturate by 10%, it is **E1C273**.

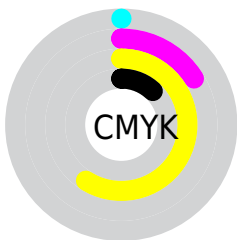
Distribution



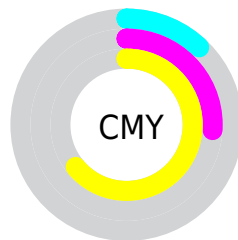
- Red (88%)
- Green (74%)
- Blue (36%)



- Red (56%)
- Yellow (88%)
- Blue (36%)



- Cyan (0%)
- Magenta (16%)
- Yellow (59%)
- Black (12%)



- Cyan (12%)
- Magenta (26%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color E1BC5C 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 E1BC5C by changing the saturation by 10% instead.

 E1BC5C

 E1BC5C

FFFFFF

 C4A142

 FFF491

 A78728

 FFFFAC

 8A6E07

 FFFFC8

 6F5600

 FFFF E5

 543F00

 392900

 211500

 000000

 E1BC5C

 E1BC5C

 E1B646

 E1C273

 E1AF2F

 E1C989

 E1A919

 E1CFA0

 E1A302

 E1D5B6

 E1A200

 E1DBCD

 E1E2E3

 E1E8FA

 E1EEFF

 E1F4FF

Harmonies

Analogous

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



FFAA6F



E1BC5C



B0CB66

Triad

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



E1BC5C



00D8EC



F9A2F5

Complementary

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



E1BC5C



5C81E1

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.



BEB5FF



E1BC5C



00D3FF

Square

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



E1BC5C



00D9BA



61C6FF



FF98C6

Rectangle

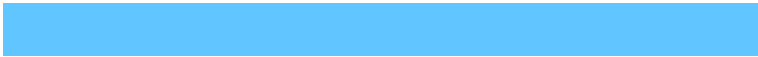
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E1BC5C



8AD27C



61C6FF



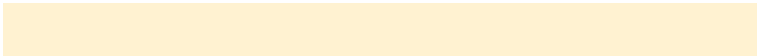
E8A8FF

Sweetspot

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



E1BC5C



FFF2D1



E15C82



807863



000000



808080

Same Dimension

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



E1BC5C



FFCD4A



C4E15C



706D65



B07F00



302300

Inverse Universe

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



5C81E1



4A7CFF



795CE1



656870



0031B0



000D30

Previews

White Background



This preview shows how the Hex color E1BC5C looks on a white background.

Color Contrast Check

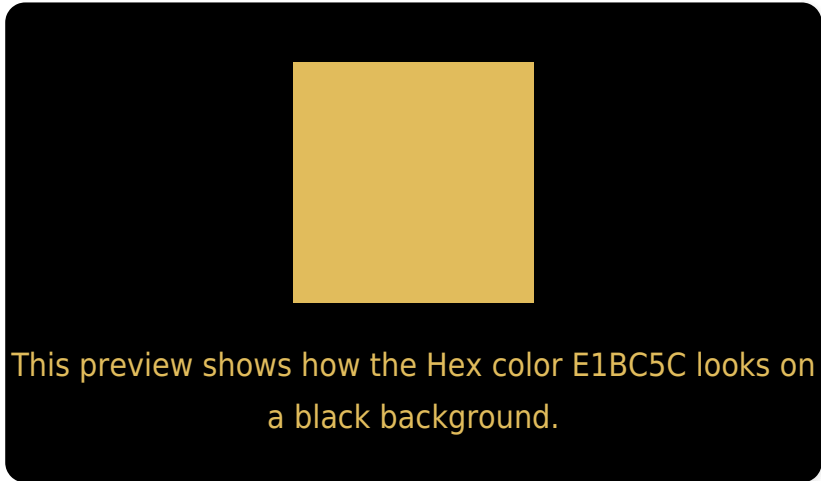
Large Text (above 18pt) WCAG AA × Fail

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 E1BC5C Background



This preview shows how black text looks on a background with the Hex color E1BC5C.

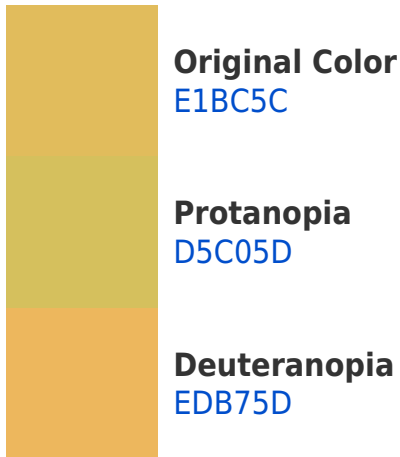


This preview shows how white text looks on a background with the Hex color E1BC5C.

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](#).

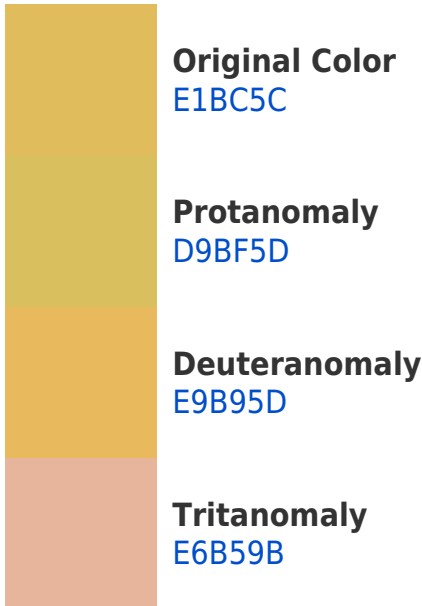
Dichromacy





Tritanopia
E9B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E1BC5C 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 #E1BC5C looks like.

```
.text, #text, p{  
    color:#E1BC5C  
}
```

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 #E1BC5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1BC5C
}
```

Border

The CSS property to change the border of an element to Hex E1BC5C 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
#E1BC5C }
```

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

```
.border{ border-color:#E1BC5C }
```

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

Here you see how a box with a 4 pixel #E1BC5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1BC5C; -webkit-box-shadow:4px 4px  
4px 4px #E1BC5C; box-shadow:4px 4px 4px  
4px #E1BC5C }
```

Background

The CSS property to change the background color of an element to Hex E1BC5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1BC5C }
```

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

```
.background{ background-color:#E1BC5C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor