

Converting Colors

Hex(E5B030)

Have a look what the booklet for
Hex(E5B030) contains.

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Color

Hex(E5B030)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E5B030 |
| RGB | 229, 176, 48 |
| RGB Percent | 90%, 69%, 19% |
| CMY | 0.1020, 0.3098, 0.8118 |
| CMYK | 0.00, 0.23, 0.79, 0.10 |
| HSL | 42°, 78%, 54% |
| HSV | 42°, 79%, 90% |
| XYZ | 48.3719, 47.9221, 9.4967 |
| YIQ | 177.2550, 72.6760, -28.5720 |

Conversions

Conversions Part 2

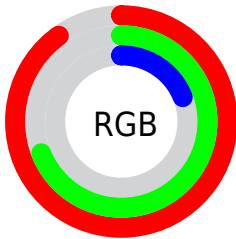
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 123, 229, 48 |
| Decimal | 15052848 |
| CIE _{Lab} | 74.78, 7.92, 67.81 |
| CIE _{LCh} | 75, 68.276, 83.336 |
| Yxy | 47.9221, 0.4572, 0.4530 |
| Android (android.graphics.Color) | 4293242928 (0xFFE5B030) |
| YUV | 177.2550, -63.7227, 45.3804 |
| Hunter-Lab | 69.2258, 3.5829, 40.3244 |

Details

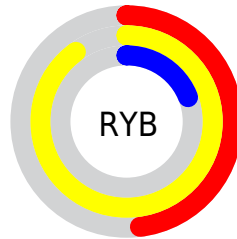
The Hex color **E5B030** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **3065E5**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFE768**, and **A97C00** is the 20% darker color. If you saturate the color by 10%, you get **E5A919**, and if you desaturate by 10%, it is **E5B747**.

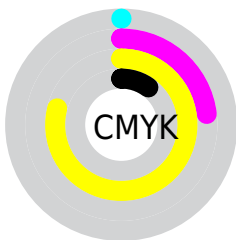
Distribution



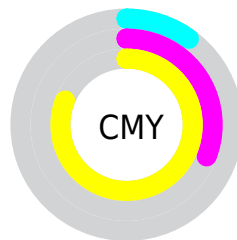
- Red (90%)
- Green (69%)
- Blue (19%)



- Red (48%)
- Yellow (90%)
- Blue (19%)



- Cyan (0%)
- Magenta (23%)
- Yellow (79%)
- Black (10%)



- Cyan (10%)
- Magenta (31%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5B030 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 E5B030 by changing the saturation by 10% instead.

 E5B030

 E5B030

FFFFFF

 C79609

 FFE768

 A97C00

 FFFF84

 8B6300

 FFFFA0

 6F4C00

 FFFFBC

 533500

 FFFFD9

 382000

 FFFFF6

 200A00

 000000

 E5B030

 E5B030

 E5A919

 E5B747

 E5A302

 E5BD5E

 E5A200

 E5C475

 E5CB8C

 E5D2A3

 E5D8B9

 E5DFD0

 E5E6E7

 E5ECFE

Harmonies

Analogous

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



FF9754



E5B030



A9C339

Triad

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



E5B030



00D6E8



F792FF

Complementary

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



E5B030



3065E5

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.



A0ADFF



E5B030



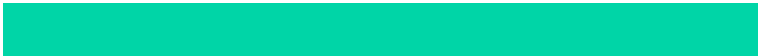
00D1FF

Square

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



E5B030



00D5A7



00C3FF



FF7FC9

Rectangle

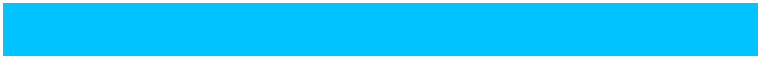
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E5B030



78CC57



00C3FF



DF9BFF

Sweetspot

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



E5B030



FFEDC2



E53066



80755B



000000



808080

Same Dimension

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



E5B030



FFB80D



C1E530



736F67



B37E00



332400

Inverse Universe

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



3065E5



0D54FF



5430E5



676B73



0034B3



000F33

Previews

White Background



This preview shows how the Hex color E5B030 looks on a white background.

Color Contrast Check

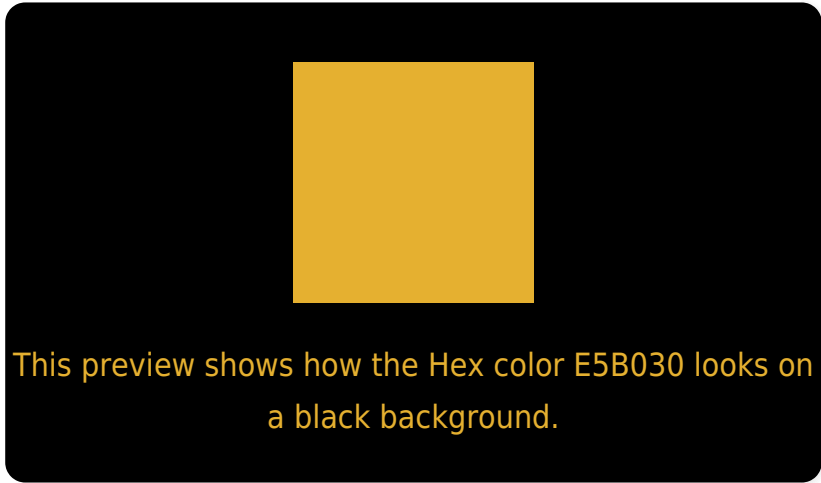
Large Text (above 18pt) WCAG AA × Fail

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 E5B030 Background



This preview shows how black text looks on a background with the Hex color E5B030.



This preview shows how white text looks on a background with the Hex color E5B030.

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

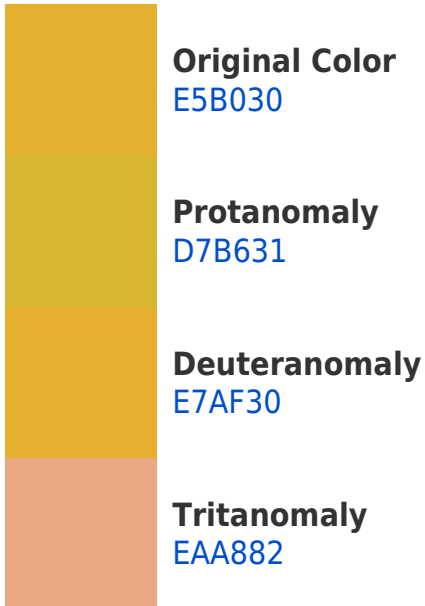


Original Color
E5B030

Protanopia
CFB932

Deuteranopia
E8AF30

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E5B030 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 #E5B030 looks like.

```
.text, #text, p{  
    color:#E5B030  
}
```

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 #E5B030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5B030
}
```

Border

The CSS property to change the border of an element to Hex E5B030 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
#E5B030 }
```

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

```
.border{ border-color:#E5B030 }
```

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

Here you see how a box with a 4 pixel #E5B030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5B030; -webkit-box-shadow:4px 4px  
4px 4px #E5B030; box-shadow:4px 4px 4px  
4px #E5B030 }
```

Background

The CSS property to change the background color of an element to Hex E5B030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5B030 }
```

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

```
.background{ background-color:#E5B030 }
```

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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