

Converting Colors

Hex(E1B05B)

Have a look what the booklet for
Hex(E1B05B) contains.

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Color

Hex(E1B05B)

Conversions

Conversions Part 1

Format	Color
Hex	E1B05B
RGB	225, 176, 91
RGB Percent	88%, 69%, 36%
CMY	0.1176, 0.3098, 0.6431
CMYK	0.00, 0.22, 0.60, 0.12
HSL	38°, 69%, 62%
HSV	38°, 60%, 88%
XYZ	48.4650, 47.8136, 16.5721
YIQ	180.9610, 56.4890, -16.0470

Conversions

Conversions Part 2

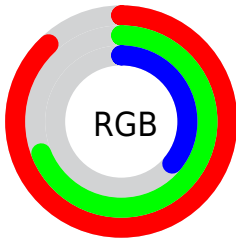
Format	Color
RYB	168, 225, 91
Decimal	14790747
CIELab	74.71, 8.47, 49.61
CIELCh	75, 50.327, 80.306
Yxy	47.8136, 0.4295, 0.4237
Android (android.graphics.Color)	4292980827 (0xFFE1B05B)
YUV	180.9610, -44.3508, 38.6222
Hunter-Lab	69.1473, 4.1018, 34.1935

Details

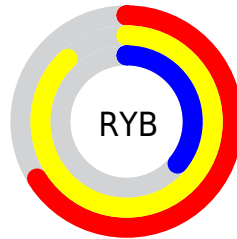
The Hex color **E1B05B** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5B8CE1**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE78F**, and **A67C28** is the 20% darker color. If you saturate the color by 10%, you get **E1A845**, and if you desaturate by 10%, it is **E1B872**.

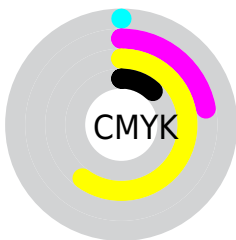
Distribution



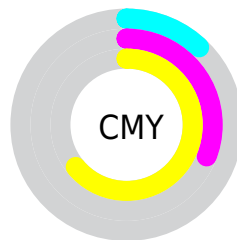
- Red (88%)
- Green (69%)
- Blue (36%)



- Red (66%)
- Yellow (88%)
- Blue (36%)



- Cyan (0%)
- Magenta (22%)
- Yellow (60%)
- Black (12%)




- Cyan (12%)
- Magenta (31%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color E1B05B 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 E1B05B by changing the saturation by 10% instead.

 E1B05B

 E1B05B

FFFFFF

 C39542

 FFE78F

 A67C28

 FFFFAB

 8A630A

 FFFFC7

 6E4B00

 FFFF E3

 533500

 392000

 200A00

 000000

 E1B05B

 E1B05B

 E1A845

 E1B872

 E1A02E

 E1C088

 E19718

 E1C99F

 E18F01

 E1D1B5

 E18F00

 E1D9CC

 E1E1E2

 E1EAF9

 E1F2FF

 E1FAFF

Harmonies

Analogous

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



FF9F72



E1B05B



B5BF5E

Triad

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



E1B05B



00CFD6



E3A0F3

Complementary

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



E1B05B



5B8CE1

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.



A4B2FF



E1B05B



00CBFE

Square

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



E1B05B



2CCFA7



40C1FF



FF93C9

Rectangle

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



E1B05B



92C66F



40C1FF



D1A6FF

Sweetspot

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



E1B05B



FFEED1



E15B8C



807563



000000



808080

Same Dimension

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



E1B05B



FFBD4A



CFE15B



706C65



B07000



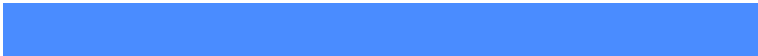
301F00

Inverse Universe

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



5B8CE1



4A8CFF



6D5BE1



656970



0040B0



001230

Previews

White Background



This preview shows how the Hex color E1B05B looks on a white background.

Color Contrast Check

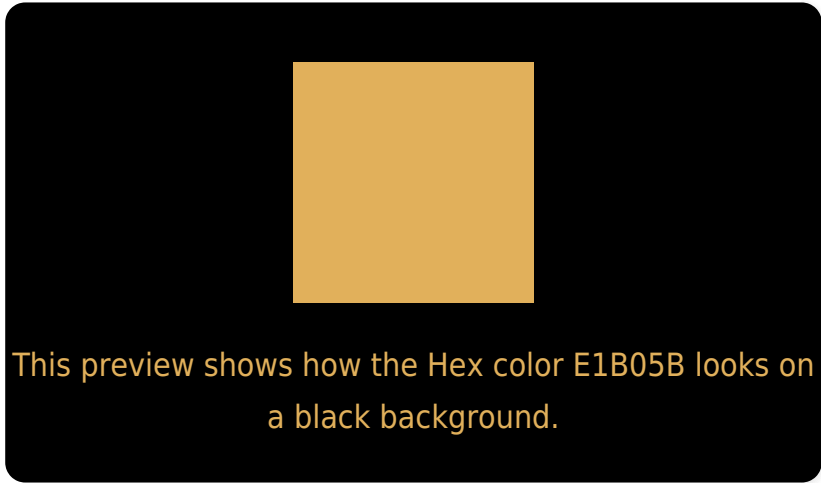
Large Text (above 18pt) WCAG AA × Fail

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 E1B05B Background



This preview shows how black text looks on a background with the Hex color E1B05B.



This preview shows how white text looks on a background with the Hex color E1B05B.

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
E1B05B

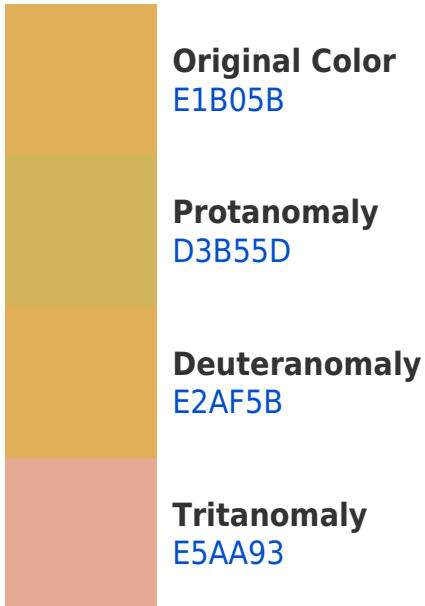
Protanopia
CBB85E

Deuteranopia
E3AF5B



Tritanopia
E8A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E1B05B 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 #E1B05B looks like.

```
.text, #text, p{  
    color:#E1B05B  
}
```

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 #E1B05B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1B05B
}
```

Border

The CSS property to change the border of an element to Hex E1B05B 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
#E1B05B }
```

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

```
.border{ border-color:#E1B05B }
```

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

Here you see how a box with a 4 pixel #E1B05B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1B05B; -webkit-box-shadow:4px 4px  
4px 4px #E1B05B; box-shadow:4px 4px 4px  
4px #E1B05B }
```

Background

The CSS property to change the background color of an element to Hex E1B05B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1B05B }
```

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

```
.background{ background-color:#E1B05B }
```

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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