

Converting Colors

Hex(E1BB58)

Have a look what the booklet for
Hex(E1BB58) contains.

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Color

Hex(E1BB58)

Conversions

Conversions Part 1

Format	Color
Hex	E1BB58
RGB	225, 187, 88
RGB Percent	88%, 73%, 35%
CMY	0.1176, 0.2667, 0.6549
CMYK	0.00, 0.17, 0.61, 0.12
HSL	43°, 70%, 61%
HSV	43°, 61%, 88%
XYZ	50.5831, 52.2528, 16.6523
YIQ	187.0760, 54.4270, -22.7330

Conversions

Conversions Part 2

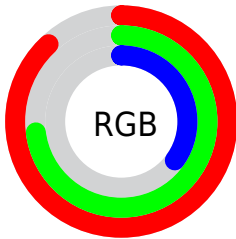
Format	Color
RYB	141, 225, 88
Decimal	14793560
CIELab	77.43, 2.47, 54.13
CIELCh	77, 54.190, 87.390
Yxy	52.2528, 0.4233, 0.4373
Android (android.graphics.Color)	4292983640 (0xFFE1BB58)
YUV	187.0760, -48.8445, 33.2593
Hunter-Lab	72.2861, -1.5930, 36.9418

Details

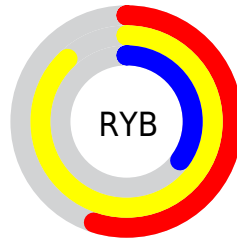
The Hex color **E1BB58** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **587EE1**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFF38D**, and **A78623** is the 20% darker color. If you saturate the color by 10%, you get **E1B542**, and if you desaturate by 10%, it is **E1C16E**.

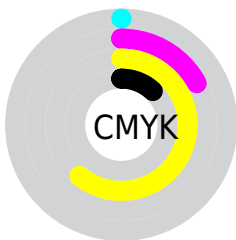
Distribution



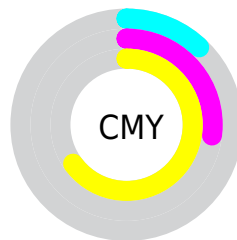
- Red (88%)
- Green (73%)
- Blue (35%)



- Red (55%)
- Yellow (88%)
- Blue (35%)



- Cyan (0%)
- Magenta (17%)
- Yellow (61%)
- Black (12%)





- Cyan (12%)
- Magenta (27%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color E1BB58 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 E1BB58 by changing the saturation by 10% instead.

 E1BB58

 E1BB58

FFFFFF

 C3A03E

 FFF38D

 A78623

 FFFFA8

 8A6D00

 FFFFC4

 6E5500

 FFFFFE1

 533E00

FFFFFFE


 392900

 201500

 000000

 E1BB58

 E1BB58

 E1B542

 E1C16E

 E1AF2B

 E1C785


 E1A815

 E1CE9B

 E1A300

 E1D4B2

 E1DAC9

 E1E0DF

 E1E7F6

 E1EDFF

 E1F3FF

Harmonies

Analogous

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



FFA96C



E1BB58



AFCA63

Triad

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



E1BB58



00D8EC



F9A1F6

Complementary

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



E1BB58



587EE1

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.



BCB4FF



E1BB58



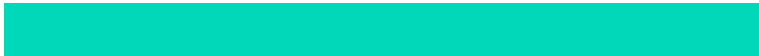
00D2FF

Square

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



E1BB58



00D9B9



59C6FF



FF95C6

Rectangle

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



E1BB58



87D179



59C6FF



E8A7FF

Sweetspot

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



E1BB58



FFF2D1



E1587F



807863



000000



808080

Same Dimension

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



E1BB58



FFCB45



C3E158



706D65



B07F00



302300

Inverse Universe

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



587EE1



4578FF



7658E1



656870



0031B0



000D30

Previews

White Background



This preview shows how the Hex color E1BB58 looks on a white background.

Color Contrast Check

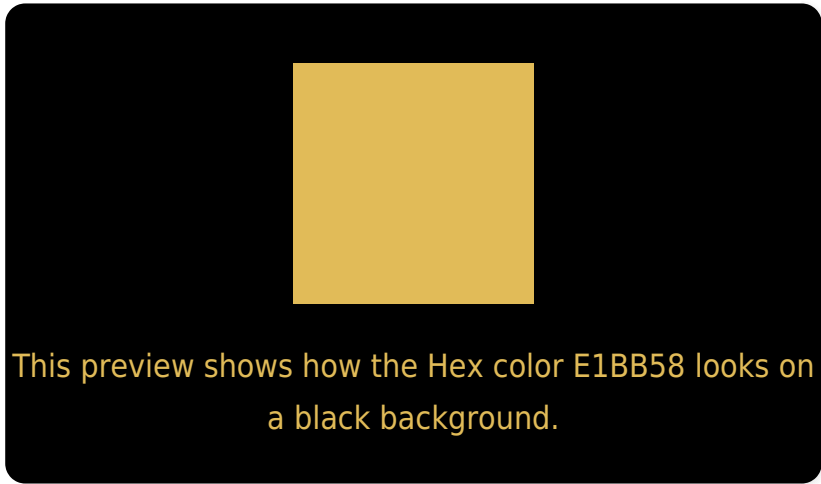
Large Text (above 18pt) WCAG AA × Fail

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 E1BB58 Background



This preview shows how black text looks on a background with the Hex color E1BB58.



This preview shows how white text looks on a background with the Hex color E1BB58.

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
E1BB58

Protanopia
D4C059

Deuteranopia
EDB659



Tritanopia
E9B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E1BB58 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 #E1BB58 looks like.

```
.text, #text, p{  
    color:#E1BB58  
}
```

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 #E1BB58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1BB58  
}
```

Border

The CSS property to change the border of an element to Hex E1BB58 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  
#E1BB58 }
```

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

```
.border{ border-color:#E1BB58 }
```

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

Here you see how a box with a 4 pixel #E1BB58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1BB58; -webkit-box-shadow:4px 4px  
4px 4px #E1BB58; box-shadow:4px 4px 4px  
4px #E1BB58 }
```

Background

The CSS property to change the background color of an element to Hex E1BB58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1BB58 }
```

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

```
.background{ background-color:#E1BB58 }
```

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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