

Converting Colors

Hex(E5BB49)

Have a look what the booklet for
Hex(E5BB49) contains.

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Color

Hex(E5BB49)

Conversions

Conversions Part 1

Format	Color
Hex	E5BB49
RGB	229, 187, 73
RGB Percent	90%, 73%, 29%
CMY	0.1020, 0.2667, 0.7137
CMYK	0.00, 0.18, 0.68, 0.10
HSL	44°, 75%, 59%
HSV	44°, 68%, 90%
XYZ	51.2860, 52.6797, 13.7685
YIQ	186.5620, 61.6260, -26.5500

Conversions

Conversions Part 2

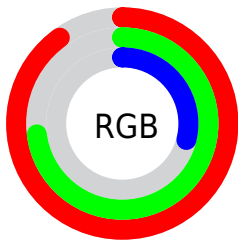
Format	Color
RYB	130, 229, 73
Decimal	15055689
CIELab	77.69, 3.24, 61.14
CIElCh	78, 61.227, 86.965
Yxy	52.6797, 0.4356, 0.4474
Android (android.graphics.Color)	4293245769 (0xFFE5BB49)
YUV	186.5620, -55.9861, 37.2181
Hunter-Lab	72.5808, -0.8872, 39.5593

Details

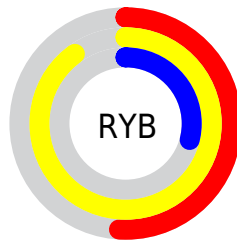
The Hex color **E5BB49** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **4973E5**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFF37F**, and **AA8609** is the 20% darker color. If you saturate the color by 10%, you get **E5B532**, and if you desaturate by 10%, it is **E5C160**.

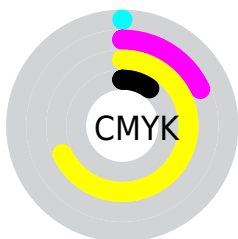
Distribution



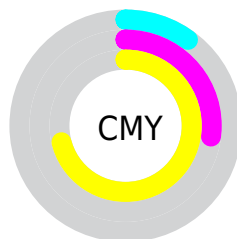
- Red (90%)
- Green (73%)
- Blue (29%)



- Red (51%)
- Yellow (90%)
- Blue (29%)



- Cyan (0%)
- Magenta (18%)
- Yellow (68%)
- Black (10%)



- Cyan (10%)
- Magenta (27%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color E5BB49 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 E5BB49 by changing the saturation by 10% instead.

 E5BB49

 E5BB49

FFFFFF

 C7A02D


 FFF37F

 AA8609

 FFFF9A

 8D6D00

 FFFFFB6

 715500

 FFFFFD3

 553E00

 FFFFFFF0

 3A2900

 221500

 000000

 E5BB49

 E5BB49

 E5B532

 E5C160

 E5AF1B

 E5C777

 E5A904

 E5CD8E

 E5A700

 E5D4A5

 E5DABB

 E5E0D2

 E5E6E9

 E5ECFF

 E5F2FF

Harmonies

Analogous

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



FFA661



E5BB49



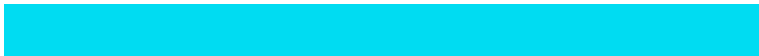
ADCC55

Triad

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



E5BB49



00DCF2



FF9DFF

Complementary

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



E5BB49



4973E5

Split Complementary

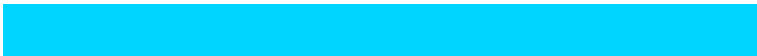
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



B9B3FF



E5BB49



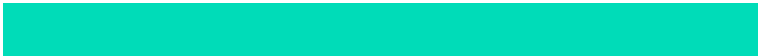
00D5FF

Square

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



E5BB49



00DCB8



2CC8FF



FF8FC8

Rectangle

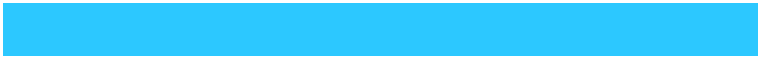
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E5BB49



80D46F



2CC8FF



EDA4FF

Sweetspot

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



E5BB49



FFF1CC



E54975



807761



000000



808080

Same Dimension

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



E5BB49



FFC72E



C3E549



737067



B38200



332500

Inverse Universe

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



4973E5



2E66FF



6B49E5



676A73



0030B3



000E33

Previews

White Background



This preview shows how the Hex color E5BB49 looks on a white background.

Color Contrast Check

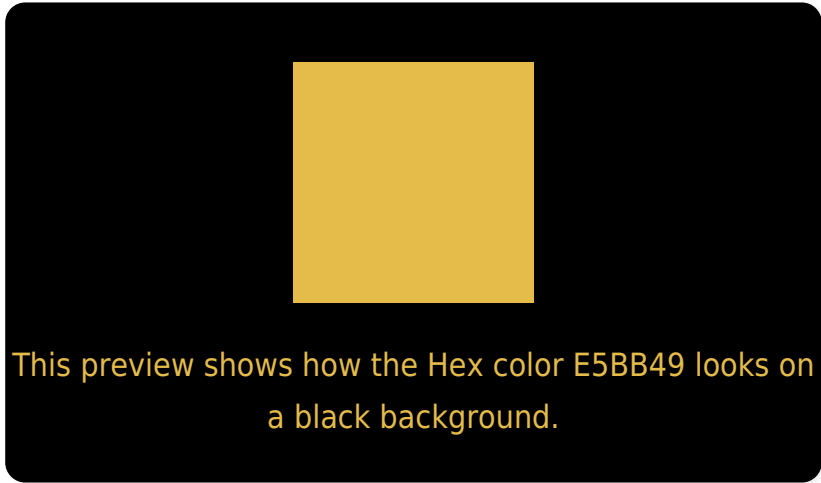
Large Text (above 18pt) WCAG AA × Fail

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 E5BB49 Background



This preview shows how black text looks on a background with the Hex color E5BB49.



This preview shows how white text looks on a background with the Hex color E5BB49.

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

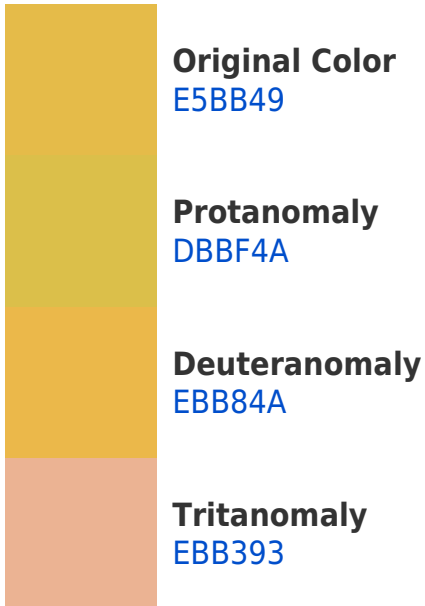


Original Color
E5BB49

Protanopia
D6C14B

Deuteranopia
EFB74A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E5BB49 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 #E5BB49 looks like.

```
.text, #text, p{  
  color:#E5BB49  
}
```

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 #E5BB49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5BB49
}
```

Border

The CSS property to change the border of an element to Hex E5BB49 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
#E5BB49 }
```

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

```
.border{ border-color:#E5BB49 }
```

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

Here you see how a box with a 4 pixel #E5BB49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5BB49; -webkit-box-shadow:4px 4px  
4px 4px #E5BB49; box-shadow:4px 4px 4px  
4px #E5BB49 }
```

Background

The CSS property to change the background color of an element to Hex E5BB49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5BB49 }
```

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

```
.background{ background-color:#E5BB49 }
```

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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