

# Converting Colors

Hex(E5BF66)

Have a look what the booklet for  
Hex(E5BF66) contains.

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# **Color**

**Hex(E5BF66)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5BF66
RGB	229, 191, 102
RGB Percent	90%, 75%, 40%
CMY	0.1020, 0.2510, 0.6000
CMYK	0.00, 0.17, 0.55, 0.10
HSL	42°, 71%, 65%
HSV	42°, 55%, 90%
XYZ	53.3422, 54.8789, 20.3516
YIQ	192.2160, 51.2170, -19.6230

# Conversions

## Conversions Part 2

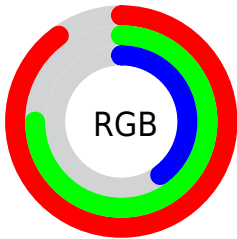
Format	Color
<a href="#">RYB</a>	<a href="#">156, 229, 102</a>
Decimal	<a href="#">15056742</a>
CIELab	<a href="#">78.97, 3.07, 49.39</a>
CIELCh	<a href="#">79, 49.487, 86.446</a>
Yxy	<a href="#">54.8789, 0.4149, 0.4268</a>
Android (android.graphics.Color)	<a href="#">4293246822</a> (0xFFE5BF66)
YUV	<a href="#">192.2160, -44.4765, 32.2596</a>
Hunter-Lab	<a href="#">74.0803, -1.1101, 35.5678</a>

# Details

The Hex color **E5BF66** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **668CE5**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFF79B**, and **AB8A33** is the 20% darker color. If you saturate the color by 10%, you get **E5B84F**, and if you desaturate by 10%, it is **E5C67D**.

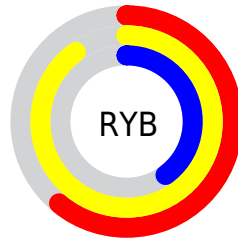
# Distribution



Red (90%)

Green (75%)

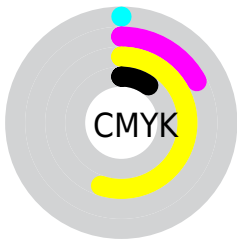
Blue (40%)



Red (61%)

Yellow (90%)

Blue (40%)

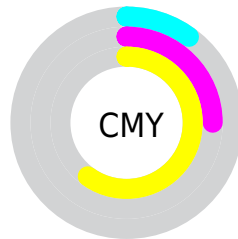


Cyan (0%)

Magenta (17%)

Yellow (55%)

Black (10%)



Cyan (10%)

Magenta (25%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5BF66 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 E5BF66 by changing the saturation by 10% instead.



 E5BF66

 E5BF66

FFFFFF

 C8A44C

 FFF79B

 AB8A33

 FFFFB7

 8E7118

 FFFFDD3

 735800

 FFFFEEF

 584100

 3E2B00

 251700

 000000

 E5BF66

 E5BF66

 E5B84F

 E5C67D

 E5B138

 E5CD94

 E5AA21

 E5D4AB

 E5A40A

 E5DAC2

 E5A000

 E5E1D9

 E5E8EF

 E5EFFF

 E5F6FF

 E5FDFF

# Harmonies

## Analogous

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



FFAF78



E5BF66



B7CD6F

# Triad

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



E5BF66



00DBEB



F8A9F7

# Complementary

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



E5BF66



668CE5

# 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.



BFBAFF



E5BF66



00D5FF

# Square

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



E5BF66



2BDBBC



6DCAFF



FF9FCB

# Rectangle

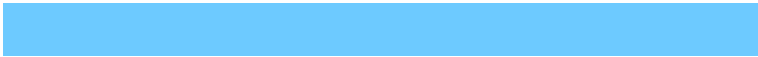
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E5BF66



93D482



6DCAFF



E8AEFF

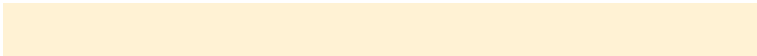


# Sweetspot

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



E5BF66



FFF2D4



E5668C



807866



000000



808080



# Same Dimension

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



E5BF66



FFCC54



CCE566



736F67



B37D00



332400



# Inverse Universe

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



668CE5



5487FF



7F66E5



676B73



0035B3



000F33



# Previews

## White Background



This preview shows how the Hex color E5BF66 looks on a white background.

## Color Contrast Check

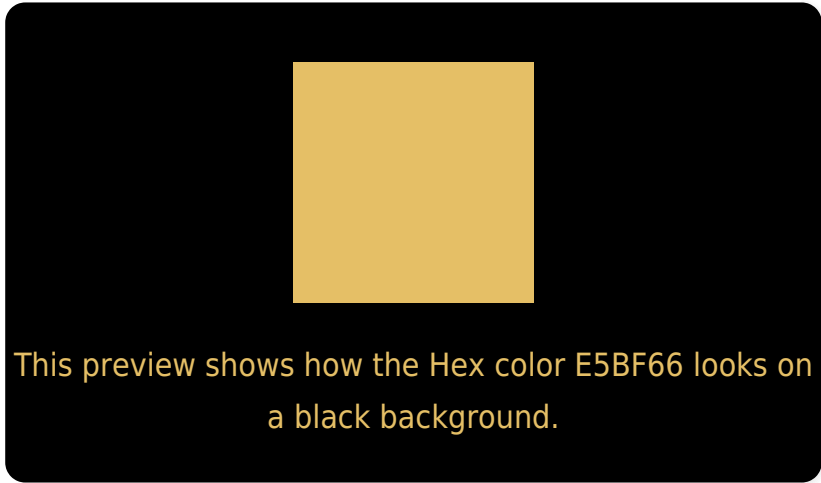
Large Text (above 18pt) WCAG AA × Fail

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 E5BF66 Background



This preview shows how black text looks on a background with the Hex color E5BF66.

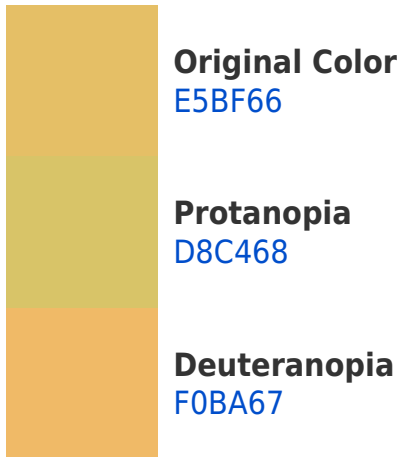


This preview shows how white text looks on a background with the Hex color E5BF66.

# 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](#).

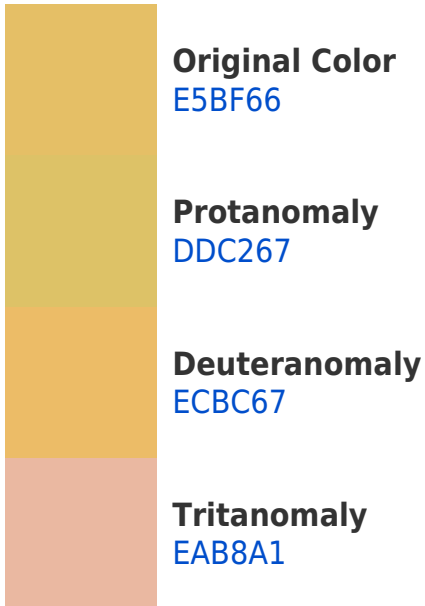
## Dichromacy





**Tritanopia**  
EDB4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5BF66 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 #E5BF66 looks like.

```
.text, #text, p{  
    color:#E5BF66  
}
```

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 #E5BF66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5BF66
}
```

## Border

The CSS property to change the border of an element to Hex E5BF66 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
#E5BF66 }
```

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

```
.border{ border-color:#E5BF66 }
```

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

Here you see how a box with a 4 pixel #E5BF66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5BF66; -webkit-box-shadow:4px 4px  
4px 4px #E5BF66; box-shadow:4px 4px 4px  
4px #E5BF66 }
```

# Background

The CSS property to change the background color of an element to Hex E5BF66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5BF66 }
```

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

```
.background{ background-color:#E5BF66 }
```

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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