

# Converting Colors

Hex(E3BF66)

Have a look what the booklet for  
Hex(E3BF66) contains.

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# **Color**

**Hex(E3BF66)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3BF66
RGB	227, 191, 102
RGB Percent	89%, 75%, 40%
CMY	0.1098, 0.2510, 0.6000
CMYK	0.00, 0.16, 0.55, 0.11
HSL	43°, 69%, 65%
HSV	43°, 55%, 89%
XYZ	52.7076, 54.5518, 20.3219
YIQ	191.6180, 50.0250, -20.0470

# Conversions

## Conversions Part 2

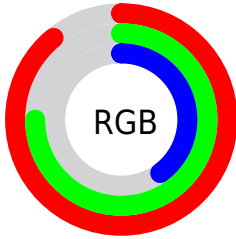
Format	Color
<b>RYB</b>	153, 227, 102
Decimal	14925670
CIELab	78.78, 2.24, 49.12
CIELCh	79, 49.173, 87.388
Yxy	54.5518, 0.4131, 0.4276
Android (android.graphics.Color)	4293115750 (0xFFE3BF66)
YUV	191.6180, -44.1817, 31.0300
Hunter-Lab	73.8592, -1.8719, 35.3881

# Details

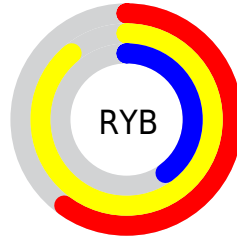
The Hex color **E3BF66** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **668AE3**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFF79B**, and **A98A33** is the 20% darker color. If you saturate the color by 10%, you get **E3B84F**, and if you desaturate by 10%, it is **E3C67D**.

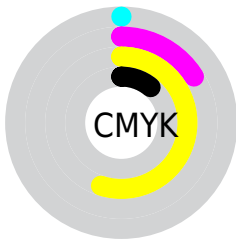
# Distribution



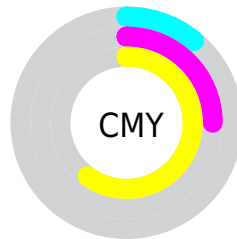
- Red (89%)
- Green (75%)
- Blue (40%)



- Red (60%)
- Yellow (89%)
- Blue (40%)



- Cyan (0%)
- Magenta (16%)
- Yellow (55%)
- Black (11%)



- Cyan (11%)
- Magenta (25%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3BF66 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 E3BF66 by changing the saturation by 10% instead.



 E3BF66

 E3BF66

FFFFFF

 C6A44C


 FFF79B

 A98A33

 FFFFFB7

 8D7118

 FFFFFD3

 715800

 FFFFFEF

 574100

 3C2B00

 231700

 000000

 E3BF66

 E3BF66

 E3B84F

 E3C67D

 E3B239

 E3CC93

 E3AB22

 E3D3AA

 E3A50B

 E3D9C1

 E3A200

 E3E0D8

 E3E6EE

 E3EDFF

 E3F3FF

 E3FAFF

# Harmonies

## Analogous

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



FFAF77



E3BF66



B5CD6F

# Triad

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



E3BF66



00DAEC



F8A8F5

# Complementary

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



E3BF66



668AE3

# 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.



C1B9FF



E3BF66



00D4FF

# Square

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



E3BF66



28DBBD



70C9FF



FF9EC9

# Rectangle

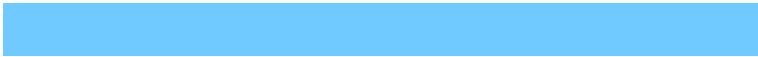
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E3BF66



91D483



70C9FF



E9ADFF



# Sweetspot

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



E3BF66



FFF3D4



E3668C



807866



000000



808080



# Same Dimension

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



E3BF66



FFCF57



CAE366



736F67



B37F00



332400



# Inverse Universe

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



668AE3



5787FF



7F66E3



676B73



0033B3



000F33



# Previews

## White Background



This preview shows how the Hex color E3BF66 looks on a white background.

## Color Contrast Check

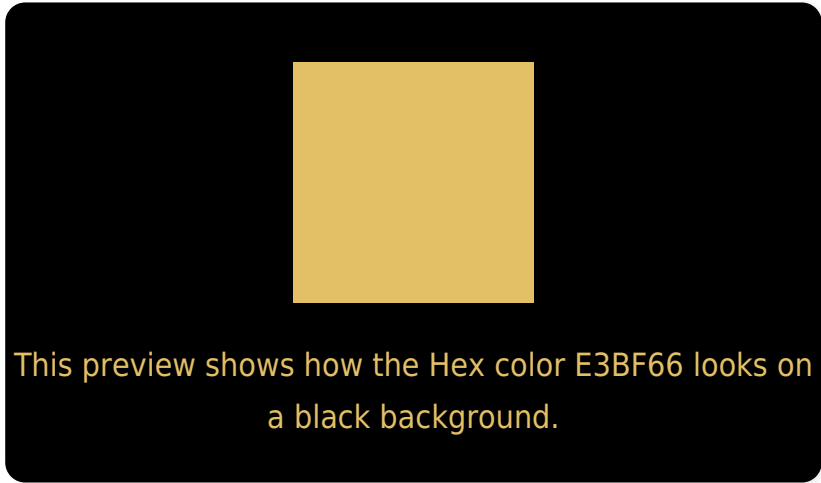
Large Text (above 18pt) WCAG AA × Fail

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 E3BF66 Background



This preview shows how black text looks on a background with the Hex color E3BF66.



This preview shows how white text looks on a background with the Hex color E3BF66.

# 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**  
E3BF66

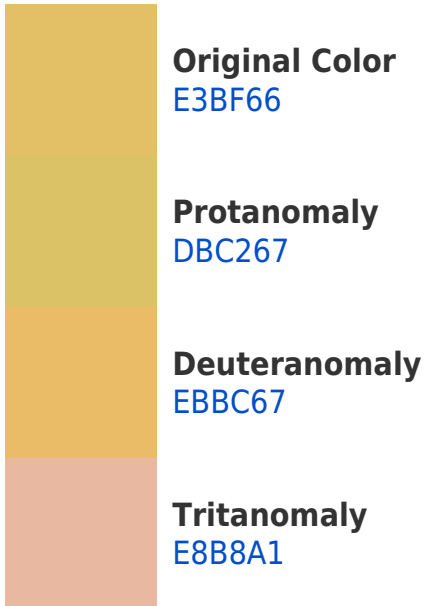
**Protanopia**  
D7C367

**Deuteranopia**  
EFBA67



**Tritanopia**  
EBB4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3BF66 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 #E3BF66 looks like.

```
.text, #text, p{  
    color:#E3BF66  
}
```

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 #E3BF66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3BF66  
}
```

## Border

The CSS property to change the border of an element to Hex E3BF66 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  
#E3BF66 }
```

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

```
.border{ border-color:#E3BF66 }
```

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

Here you see how a box with a 4 pixel #E3BF66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3BF66; -webkit-box-shadow:4px 4px  
4px 4px #E3BF66; box-shadow:4px 4px 4px  
4px #E3BF66 }
```

# Background

The CSS property to change the background color of an element to Hex E3BF66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3BF66 }
```

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

```
.background{ background-color:#E3BF66 }
```

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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