

Converting Colors

Hex(E3B755)

Have a look what the booklet for
Hex(E3B755) contains.

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Color

Hex(E3B755)

Conversions

Conversions Part 1

Format	Color
Hex	E3B755
RGB	227, 183, 85
RGB Percent	89%, 72%, 33%
CMY	0.1098, 0.2824, 0.6667
CMYK	0.00, 0.19, 0.63, 0.11
HSL	41°, 72%, 61%
HSV	41°, 63%, 89%
XYZ	50.2517, 50.8537, 15.7615
YIQ	184.9840, 57.6820, -21.1500

Conversions

Conversions Part 2

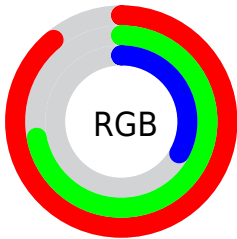
Format	Color
RYB	149, 227, 85
Decimal	14923605
CIELab	76.59, 5.21, 54.63
CIElCh	77, 54.873, 84.555
Yxy	50.8537, 0.4300, 0.4351
Android (android.graphics.Color)	4293113685 (0xFFE3B755)
YUV	184.9840, -49.2921, 36.8480
Hunter-Lab	71.3118, 0.9890, 36.8138

Details

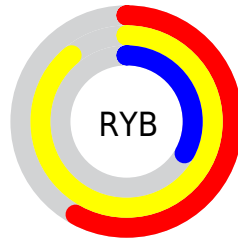
The Hex color **E3B755** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5581E3**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFEF8A**, and **A88220** is the 20% darker color. If you saturate the color by 10%, you get **E3B03E**, and if you desaturate by 10%, it is **E3BE6C**.

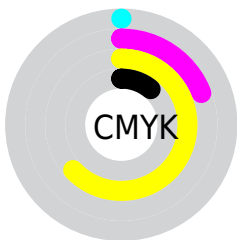
Distribution



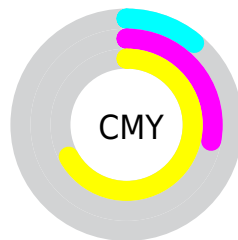
- Red (89%)
- Green (72%)
- Blue (33%)



- Red (58%)
- Yellow (89%)
- Blue (33%)



- Cyan (0%)
- Magenta (19%)
- Yellow (63%)
- Black (11%)



- Cyan (11%)
- Magenta (28%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3B755 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 E3B755 by changing the saturation by 10% instead.

 E3B755

 E3B755

FFFFFF

 C59C3B

 FFEF8A

 A88220

 FFFFA5

 8C6900

 FFFFC1

 705100

 FFFFDE

 543B00

 FFFFFB

 3A2500

 211100

 000000

 E3B755

 E3B755

 E3B03E

 E3BE6C

 E3A928

 E3C582

 E3A211

 E3CC99

 E39D00

 E3D3B0

 E3DAC6

 E3E1DD

 E3E8F4

 E3EFFF

 E3F6FF

Harmonies

Analogous

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



FFA46C



E3B755



B1C75D

Triad

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



E3B755



00D6E6



F3A0F8

Complementary

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



E3B755



5581E3

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.



B2B3FF



E3B755



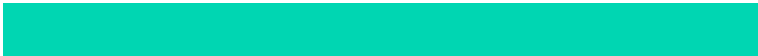
00D1FF

Square

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



E3B755



00D6B2



43C5FF



FF93C8

Rectangle

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



E3B755



8ACE72



43C5FF



E1A6FF

Sweetspot

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



E3B755



FFF0CF



E35582



807662



000000



808080

Same Dimension

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



E3B755



FFC440



C9E355



736F67



B37B00



332300

Inverse Universe

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



5581E3



407BFF



6F55E3



676B73



0037B3



001033

Previews

White Background



This preview shows how the Hex color E3B755 looks on a white background.

Color Contrast Check

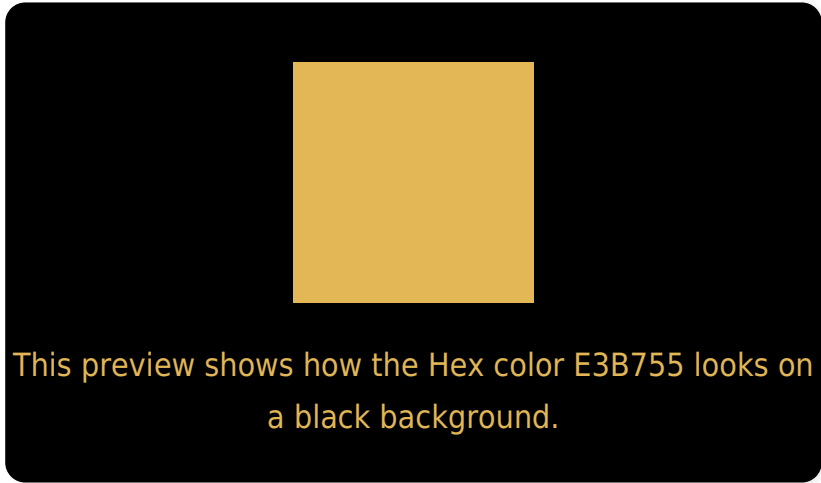
Large Text (above 18pt) WCAG AA × Fail

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 E3B755 Background



This preview shows how black text looks on a background with the Hex color E3B755.



This preview shows how white text looks on a background with the Hex color E3B755.

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

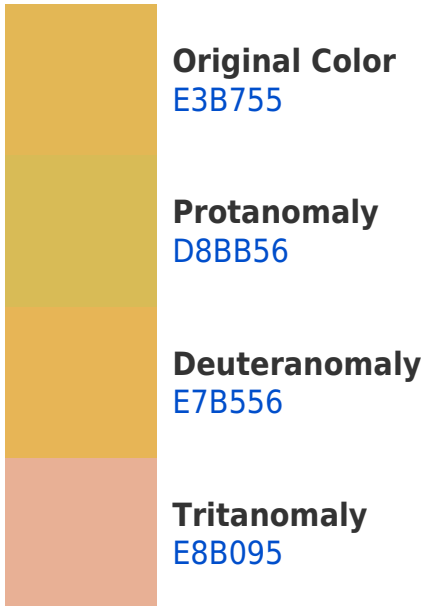


Original Color
E3B755

Protanopia
D2BD57

Deuteranopia
EAB456

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E3B755 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 #E3B755 looks like.

```
.text, #text, p{  
    color:#E3B755  
}
```

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 #E3B755 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3B755
}
```

Border

The CSS property to change the border of an element to Hex E3B755 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
#E3B755 }
```

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

```
.border{ border-color:#E3B755 }
```

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

Here you see how a box with a 4 pixel #E3B755 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3B755; -webkit-box-shadow:4px 4px  
4px 4px #E3B755; box-shadow:4px 4px 4px  
4px #E3B755 }
```

Background

The CSS property to change the background color of an element to Hex E3B755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3B755 }
```

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

```
.background{ background-color:#E3B755 }
```

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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