

# Converting Colors

Hex(E3946B)

Have a look what the booklet for  
Hex(E3946B) contains.

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**Color**

**Hex(E3946B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3946B
RGB	227, 148, 107
RGB Percent	89%, 58%, 42%
CMY	0.1098, 0.4196, 0.5804
CMYK	0.00, 0.35, 0.53, 0.11
HSL	21°, 68%, 65%
HSV	21°, 53%, 89%
XYZ	44.9223, 38.5722, 18.9874
YIQ	166.9470, 60.2450, 3.9970

# Conversions

## Conversions Part 2

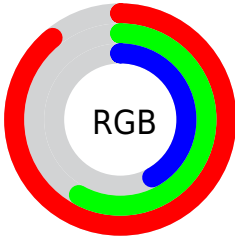
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 169, 107
Decimal	14914667
CIE Lab	68.44, 25.51, 33.85
CIE LCh	68, 42.384, 53.000
Yxy	38.5722, 0.4383, 0.3764
Android (android.graphics.Color)	4293104747 (0xFFE3946B)
YUV	166.9470, -29.5539, 52.6665
Hunter-Lab	62.1066, 20.4244, 25.3482

# Details

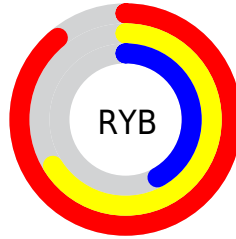
The Hex color **E3946B** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6BBAE3**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFCA9F**, and **A8613B** is the 20% darker color. If you saturate the color by 10%, you get **E38554**, and if you desaturate by 10%, it is **E3A382**.

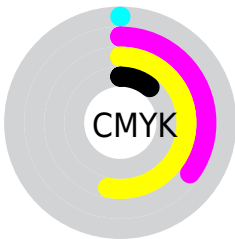
# Distribution



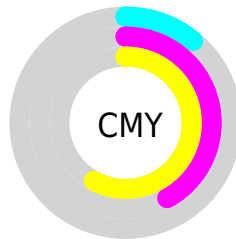
- Red (89%)
- Green (58%)
- Blue (42%)



- Red (89%)
- Yellow (66%)
- Blue (42%)



- Cyan (0%)
- Magenta (35%)
- Yellow (53%)
- Black (11%)



- Cyan (11%)
- Magenta (42%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3946B 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 E3946B by changing the saturation by 10% instead.



 E3946B

 E3946B

FFFFFF

 C57A52

 FFCA9F

 A8613B

 FFE7BA

 8C4824

 FFFFD6

 6F310D

 FFFFF2

 541A00

 390300

 210001

 000000

 E3946B

 E3946B

 E38554

 E3A382

 E3763E

 E3B298

 E36727

 E3C1AF

 E35810

 E3D0C6

 E34E00

 E3DFDC

 E3EEF3

 E3FDFF

 E3FFFF

# Harmonies

## Analogous

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



F08A8B



E3946B



C7A25A

# Triad

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



E3946B



39BA9C



9DA0ED

# Complementary

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



E3946B



6BBAE3

# 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.



58ADF2



E3946B



00BBC4

# Square

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



E3946B



74B677



00B6E3



CE92D5

# Rectangle

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



E3946B



AFAA5A



00B6E3



88A5F1

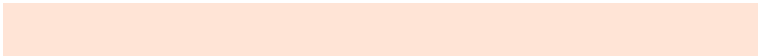


# Sweetspot

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



E3946B



FFE4D6



E36BBB



807067



000000



808080



# Same Dimension

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



E3946B



FF955E



E3CF6B



736B67



B33D00



331100



# Inverse Universe

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



6BBAE3



5EC8FF



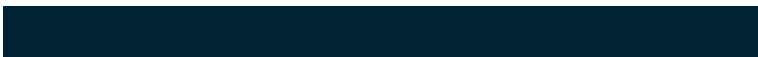
6B7FE3



676F73



0076B3

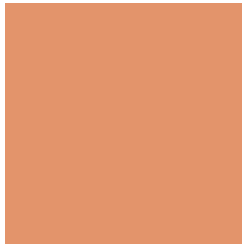


002233



# Previews

## White Background



This preview shows how the Hex color E3946B looks on a white background.

## Color Contrast Check

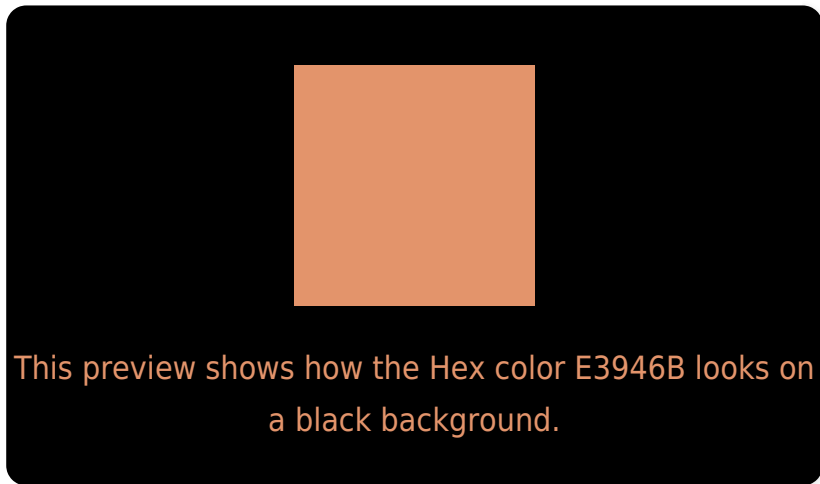
Large Text (above 18pt) WCAG AA × Fail

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

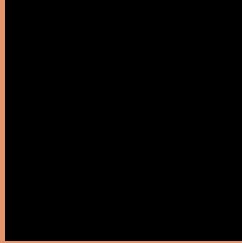
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E3946B Background



This preview shows how black text looks on a background with the Hex color E3946B.

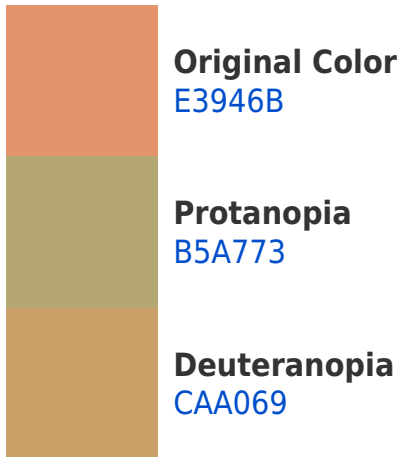


This preview shows how white text looks on a background with the Hex color E3946B.

# 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](#).

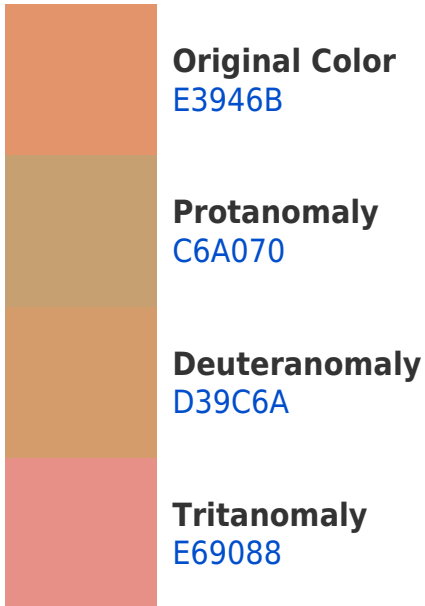
## Dichromacy





**Tritanopia**  
E78E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3946B 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 #E3946B looks like.

```
.text, #text, p{  
    color:#E3946B  
}
```

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 #E3946B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3946B
}
```

## Border

The CSS property to change the border of an element to Hex E3946B 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
#E3946B }
```

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

```
.border{ border-color:#E3946B }
```

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

Here you see how a box with a 4 pixel #E3946B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3946B; -webkit-box-shadow:4px 4px  
4px 4px #E3946B; box-shadow:4px 4px 4px  
4px #E3946B }
```

# Background

The CSS property to change the background color of an element to Hex E3946B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3946B }
```

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

```
.background{ background-color:#E3946B }
```

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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