

# Converting Colors

Hex(E0665B)

Have a look what the booklet for  
Hex(E0665B) contains.

<b>Hex(E0665B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(E0665B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E0665B
RGB	224, 102, 91
RGB Percent	88%, 40%, 36%
CMY	0.1216, 0.6000, 0.6431
CMYK	0.00, 0.54, 0.59, 0.12
HSL	5°, 68%, 62%
HSV	5°, 59%, 88%
XYZ	37.3802, 26.1054, 12.9662
YIQ	137.2240, 76.2430, 22.4430

# Conversions

## Conversions Part 2

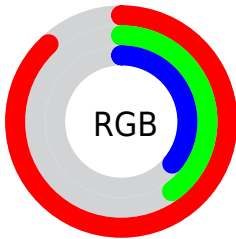
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 103, 91
Decimal	14706267
CIE <sub>Lab</sub>	58.14, 46.77, 29.43
CIE <sub>LCh</sub>	58, 55.259, 32.175
Yxy	26.1054, 0.4889, 0.3415
Android (android.graphics.Color)	4292896347 (0xFFE0665B)
YUV	137.2240, -22.7884, 76.1026
Hunter-Lab	51.0934, 41.1779, 20.7191

# Details

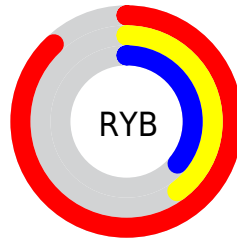
The Hex color **E0665B** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **5BD5E0**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF9C8D**, and **A3312D** is the 20% darker color. If you saturate the color by 10%, you get **E05145**, and if you desaturate by 10%, it is **E07B71**.

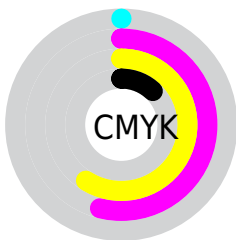
# Distribution



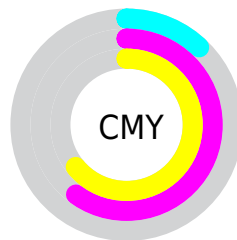
- Red (88%)
- Green (40%)
- Blue (36%)



- Red (88%)
- Yellow (40%)
- Blue (36%)



- Cyan (0%)
- Magenta (54%)
- Yellow (59%)
- Black (12%)



- Cyan (12%)
- Magenta (60%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0665B 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 E0665B by changing the saturation by 10% instead.



 E0665B

 E0665B


FFFFFF

 C14B43

 FF9C8D

 A3312D

 FFB8A8

 861118

 FFD4C3

 690000

 FFF1DF

 4B0000

 FFFFFC

 310002

 000000

 E0665B

 E0665B

 E05145

 E07B71

 E03D2E

 E08F88

 E02818

 E0A49E

 E01401

 E0B8B5

 E01300

 E0CDCB

 E0E1E1

 E0F6F8

 E0FFFF

# Harmonies

## Analogous

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



E25E8A



E0665B



C87835

# Triad

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



E0665B



21A05C



0890ED

# Complementary

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



E0665B



5BD5E0

# 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.



009CE1



E0665B



00A38E

# Square

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



E0665B



719833



00A2BE



917DDE

# Rectangle

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



E0665B



B08524



00A2BE



0095EC



# Sweetspot

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



E0665B



FFD5D1



E05BD7



806663



000000



808080



# Same Dimension

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



E0665B



FF594A



E0A65B



706665



B00F00



300400



# Inverse Universe

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



5BD5E0



4AF0FF



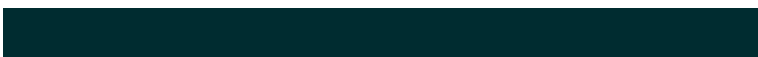
5B95E0



656F70



00A1B0



002C30



# Previews

## White Background



This preview shows how the Hex color E0665B looks on a white background.

## Color Contrast Check

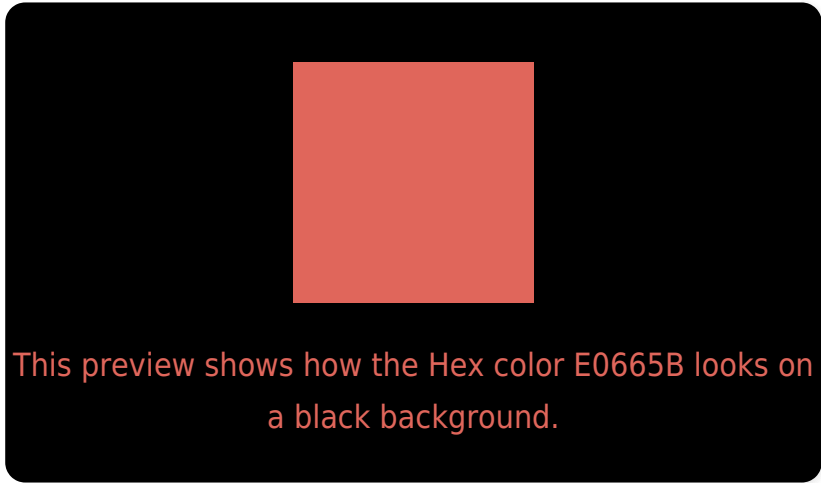
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex E0665B Background



This preview shows how black text looks on a background with the Hex color E0665B.



This preview shows how white text looks on a background with the Hex color E0665B.

# 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**  
E0665B

**Protanopia**  
968C6B

**Deuteranopia**  
AA8655



**Tritanopia**  
E1646A

# Trichromacy



**Original Color**  
E0665B

**Protanomaly**  
B17E65

**Deuteranomaly**  
BE7A57

**Tritanomaly**  
E16565

# Monochromacy



**Original Color**  
E0665B

**Achromatopsia**  
898989

**Achromatomaly**  
A97C78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0665B 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 #E0665B looks like.

```
.text, #text, p{  
    color:#E0665B  
}
```

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 #E0665B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0665B
}
```

## Border

The CSS property to change the border of an element to Hex E0665B is called "border". The border property can be set on classes, ids or directly on the HTML element.

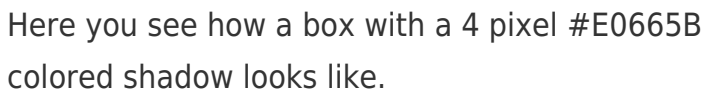
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E0665B }
```

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

```
.border{ border-color:#E0665B }
```

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



Here you see how a box with a 4 pixel #E0665B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0665B; -webkit-box-shadow:4px 4px  
4px 4px #E0665B; box-shadow:4px 4px 4px  
4px #E0665B }
```

# Background

The CSS property to change the background color of an element to Hex E0665B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0665B }
```

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

```
.background{ background-color:#E0665B }
```

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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