

# Converting Colors

Hex(E0653E)

Have a look what the booklet for  
Hex(E0653E) contains.

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# Color

**Hex(E0653E)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | E0653E                     |
| RGB           | 224, 101, 62               |
| RGB Percent   | 88%, 40%, 24%              |
| CMY           | 0.1216, 0.6039, 0.7569     |
| CMYK          | 0.00, 0.55, 0.72, 0.12     |
| HSL           | 14°, 72%, 56%              |
| HSV           | 14°, 72%, 88%              |
| XYZ           | 36.2637, 25.5025, 7.5686   |
| YIQ           | 133.3310, 85.8270, 13.9470 |

# Conversions

## Conversions Part 2

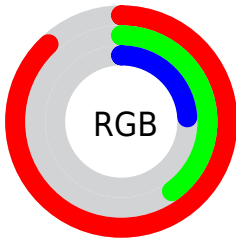
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 224, 113, 62                   |
| Decimal                             | 14705982                       |
| CIELab                              | 57.56, 45.57, 44.60            |
| CIELCh                              | 58, 63.760, 44.383             |
| Yxy                                 | 25.5025, 0.5230,<br>0.3678     |
| Android<br>(android.graphics.Color) | 4292896062<br>(0xFFE0653E)     |
| YUV                                 | 133.3310, -35.1662,<br>79.5167 |
| Hunter-Lab                          | 50.5000, 39.8046,<br>26.4640   |

# Details

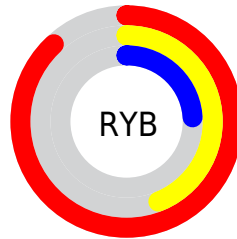
The Hex color **E0653E** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **3EB9E0**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF9B6F**, and **A2300E** is the 20% darker color. If you saturate the color by 10%, you get **E05428**, and if you desaturate by 10%, it is **E07654**.

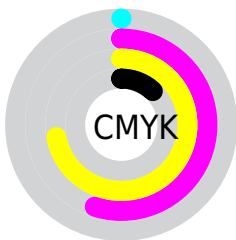
# Distribution



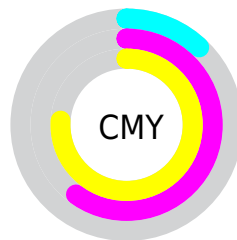
- Red (88%)
- Green (40%)
- Blue (24%)



- Red (88%)
- Yellow (44%)
- Blue (24%)



- Cyan (0%)
- Magenta (55%)
- Yellow (72%)
- Black (12%)



- Cyan (12%)
- Magenta (60%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0653E 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 E0653E by changing the saturation by 10% instead.



 E0653E

 E0653E

FFFFFF

 C14B26

 FF9B6F

 A2300E

 FFB789

 841200

 FFD3A4

 660000

 FFF0BF

 480000

 FFFFDB

 2E0002

 FFFFF8

 000000

 E0653E

 E0653E

 E05428

 E07654

 E04311

 E0876B

 E03600

 E09881

 E0A998

 E0BAAE

 E0CBC4

 E0DCDB

 E0EDF1

 E0FEFF

# Harmonies

## Analogous

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



EE5372



E0653E



BD7D0D

# Triad

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



E0653E



00A26A



4688F7

# Complementary

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



E0653E



3EB9E0

# 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.



0099F6



E0653E



00A4A4

# Square

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



E0653E



4B9C34



00A2D7



AF6FDB

# Rectangle

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



E0653E



9E8A00



00A2D7



008EFA



# Sweetspot

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



E0653E



FFD4C7



E03EBA



80665E



000000



808080



# Same Dimension

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



E0653E



FF5721



E0B53E



706865



B02A00



300C00



# Inverse Universe

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



3EB9E0



21CAFF



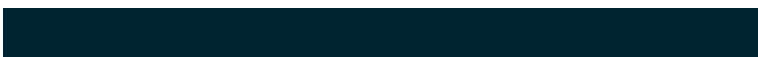
3E69E0



656D70



0086B0

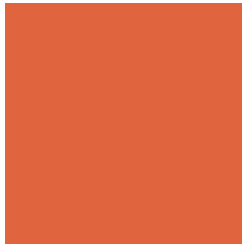


002530



# Previews

## White Background



This preview shows how the Hex color E0653E looks on a white background.

## Color Contrast Check

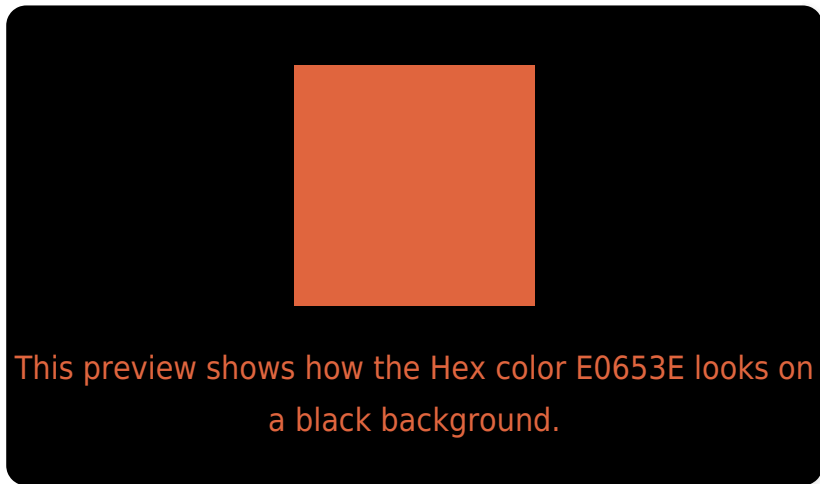
Large Text (above 18pt) WCAG AA ✓ Pass

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 E0653E Background



This preview shows how black text looks on a background with the Hex color E0653E.



This preview shows how white text looks on a background with the Hex color E0653E.

# 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**  
E0653E

**Protanopia**  
998B4A

**Deuteranopia**  
AD8437



**Tritanopia**  
E26066

# Trichromacy



**Original Color**  
E0653E

**Protanomaly**  
B37D46

**Deuteranomaly**  
C0793A

**Tritanomaly**  
E16257

# Monochromacy



**Original Color**  
E0653E

**Achromatopsia**  
858585

**Achromatomaly**  
A6796B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0653E 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 #E0653E looks like.

```
.text, #text, p{  
    color:#E0653E  
}
```

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 #E0653E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0653E
}
```

## Border

The CSS property to change the border of an element to Hex E0653E is called "border". The border property can be set on classes, ids or directly on the HTML element.

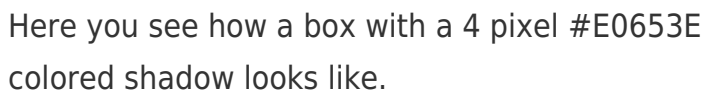
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E0653E }
```

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

```
.border{ border-color:#E0653E }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #E0653E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0653E; -webkit-box-shadow:4px 4px  
4px 4px #E0653E; box-shadow:4px 4px 4px  
4px #E0653E }
```

# Background

The CSS property to change the background color of an element to Hex E0653E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0653E }
```

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

```
.background{ background-color:#E0653E }
```

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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