

# Converting Colors

Hex(E6684E)

Have a look what the booklet for  
Hex(E6684E) contains.

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**Color**

**Hex(E6684E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E6684E
RGB	230, 104, 78
RGB Percent	90%, 41%, 31%
CMY	0.0980, 0.5922, 0.6941
CMYK	0.00, 0.55, 0.66, 0.10
HSL	10°, 75%, 60%
HSV	10°, 66%, 90%
XYZ	38.9586, 27.2737, 10.4187
YIQ	138.7100, 83.4420, 18.6260

# Conversions

## Conversions Part 2

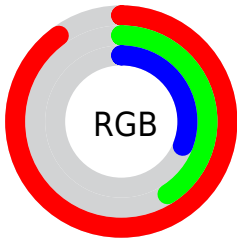
<b>Format</b>	<b>Color</b>
<b>RYB</b>	230, 109, 78
Decimal	15099982
CIELab	59.23, 47.16, 38.22
CIELCh	59, 60.706, 39.025
Yxy	27.2737, 0.5083, 0.3558
Android (android.graphics.Color)	4293290062 (0xFFE6684E)
YUV	138.7100, -29.9300, 80.0613
Hunter-Lab	52.2242, 41.7663, 24.7286

# Details

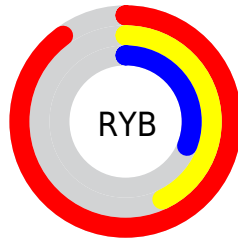
The Hex color **E6684E** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **4ECCE6**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF9E80**, and **A83320** is the 20% darker color. If you saturate the color by 10%, you get **E65537**, and if you desaturate by 10%, it is **E67B65**.

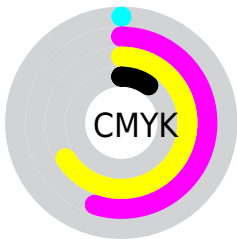
# Distribution



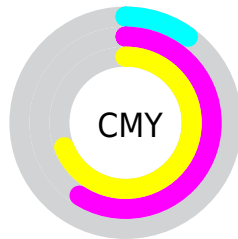
- Red (90%)
- Green (41%)
- Blue (31%)



- Red (90%)
- Yellow (43%)
- Blue (31%)



- Cyan (0%)
- Magenta (55%)
- Yellow (66%)
- Black (10%)



- Cyan (10%)
- Magenta (59%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E6684E 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 E6684E by changing the saturation by 10% instead.



 E6684E

 E6684E

FFFFFF

 C74D37

 FF9E80

 A83320

 FFBA9A

 8A140A

 FFD7B5

 6C0000

 FFF4D1

 4F0000

 FFFFED

 350002

 020000

 000000

 E6684E

 E6684E

 E65537

 E67B65

 E64220

 E68E7C

 E62F09

 E6A193

 E62700

 E6B4AA

 E6C7C1

 E6DAD8

 E6EDEF

 E6FFFF

# Harmonies

## Analogous

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



EF5B81



E6684E



C87E24

# Triad

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



E6684E



00A566



348FF8

# Complementary

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



E6684E



4ECCE6

# 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.



009EF2



E6684E



00A89E

# Square

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



E6684E



619E35



00A6D1



A679E2

# Rectangle

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



E6684E



AB8B12



00A6D1



0095F9



# Sweetspot

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



E6684E



FFD5CC



E64ECD



806661



000000



808080



# Same Dimension

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



E6684E



FF5836



E6B34E



736967



B31F00



330900



# Inverse Universe

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



4ECCE6



36DDFF



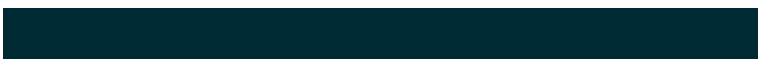
4E81E6



677173



0094B3

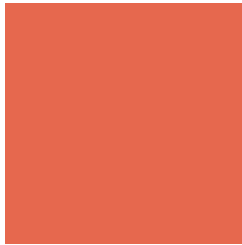


002A33



# Previews

## White Background



This preview shows how the Hex color E6684E looks on a white background.

## Color Contrast Check

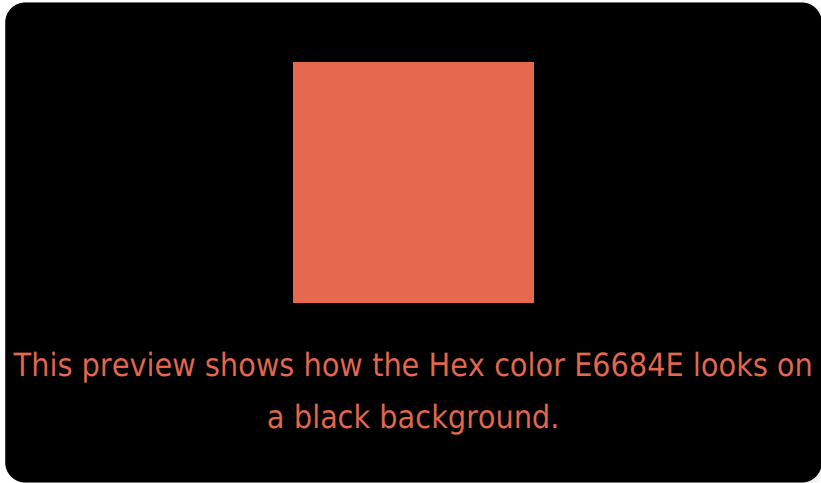
Large Text (above 18pt) WCAG AA ✓ Pass

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

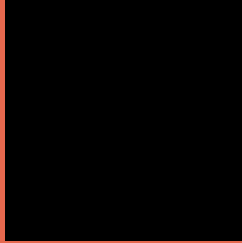
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E6684E Background



This preview shows how black text looks on a background with the Hex color E6684E.



This preview shows how white text looks on a background with the Hex color E6684E.

# 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](#).

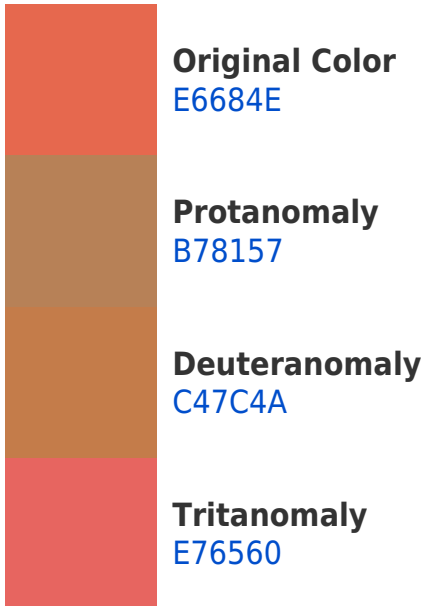
## Dichromacy



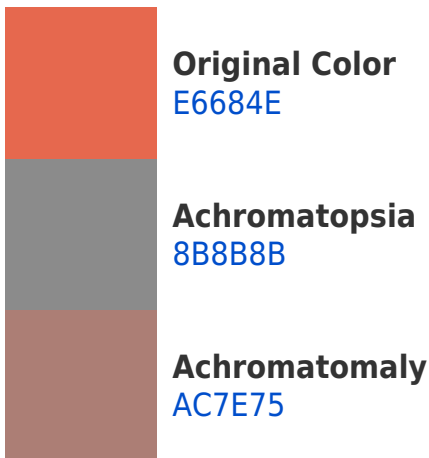


**Tritanopia**  
E7646B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E6684E 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 #E6684E looks like.

```
.text, #text, p{  
    color:#E6684E  
}
```

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 #E6684E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6684E
}
```

## Border

The CSS property to change the border of an element to Hex E6684E 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
#E6684E }
```

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

```
.border{ border-color:#E6684E }
```

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

Here you see how a box with a 4 pixel #E6684E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6684E; -webkit-box-shadow:4px 4px  
4px 4px #E6684E; box-shadow:4px 4px 4px  
4px #E6684E }
```

# Background

The CSS property to change the background color of an element to Hex E6684E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6684E }
```

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

```
.background{ background-color:#E6684E }
```

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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