

# Converting Colors

Hex(E3665F)

Have a look what the booklet for  
Hex(E3665F) contains.

<b>Hex(E3665F)</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(E3665F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E3665F
RGB	227, 102, 95
RGB Percent	89%, 40%, 37%
CMY	0.1098, 0.6000, 0.6275
CMYK	0.00, 0.55, 0.58, 0.11
HSL	3°, 70%, 63%
HSV	3°, 58%, 89%
XYZ	38.4955, 26.6599, 13.9434
YIQ	138.5770, 76.7470, 24.3230

# Conversions

## Conversions Part 2

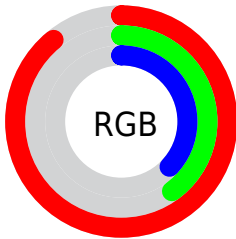
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 102, 95
Decimal	14902879
CIE <sub>Lab</sub>	58.66, 48.13, 27.91
CIE <sub>LCh</sub>	59, 55.641, 30.109
Yxy	26.6599, 0.4867, 0.3370
Android (android.graphics.Color)	4293092959 (0xFFE3665F)
YUV	138.5770, -21.4835, 77.5470
Hunter-Lab	51.6332, 42.7238, 20.1321

# Details

The Hex color **E3665F** 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 **5FDCE3**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF9C92**, and **A63031** is the 20% darker color. If you saturate the color by 10%, you get **E35148**, and if you desaturate by 10%, it is **E37B76**.

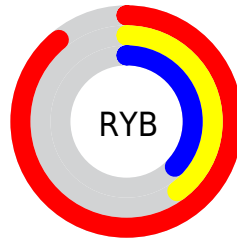
# Distribution



Red (89%)

Green (40%)

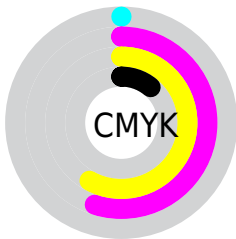
Blue (37%)



Red (89%)

Yellow (40%)

Blue (37%)

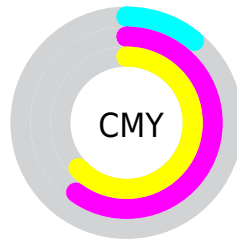


Cyan (0%)

Magenta (55%)

Yellow (58%)

Black (11%)



Cyan (11%)

Magenta (60%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3665F 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 E3665F by changing the saturation by 10% instead.



 E3665F

 E3665F

FFFFFF

 C44B47

 FF9C92

 A63031

 FFB8AC

 88101B

 FFD5C8

 6B0003

 FFF2E4

 4E0000

 340002

 000000

 E3665F

 E3665F

 E35148

 E37B76

 E33B32

 E3918C

 E3261B

 E3A6A3

 E31004

 E3BCBA

 E30C00

 E3D1D1

 E3E7E7

 E3FCFE

 E3FFFF

# Harmonies

## Analogous

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



E3608F



E3665F



CC7837

# Triad

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



E3665F



2CA15A



0093EF

# Complementary

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



E3665F



5FDCE3

# 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.



009EE1



E3665F



00A48C

# Square

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



E3665F



769832



00A4BD



8E80E2

# Rectangle

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



E3665F



B58526



00A4BD



0097ED



# Sweetspot

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



E3665F



FFD6D4



E35FDC



806766



000000



808080



# Same Dimension

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



E3665F



FF564D



E3A85F



736867



B30900



330300



# Inverse Universe

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



5FDCE3



4DF6FF



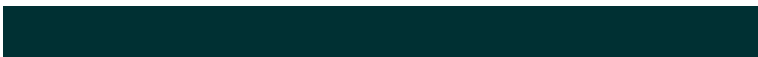
5F9AE3



677273



00A9B3



003033



# Previews

## White Background



This preview shows how the Hex color E3665F looks on a white background.

## Color Contrast Check

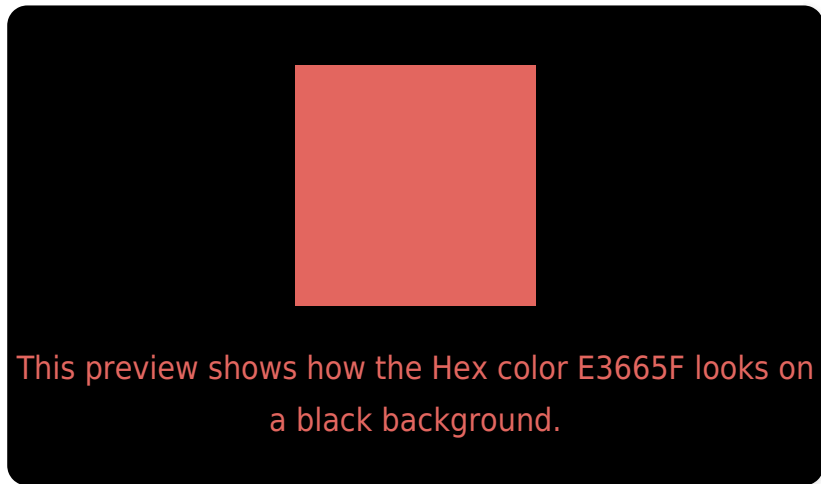
Large Text (above 18pt) WCAG AA ✓ Pass

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 E3665F Background



This preview shows how black text looks on a background with the Hex color E3665F.



This preview shows how white text looks on a background with the Hex color E3665F.

# 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**  
E4646B

# Trichromacy



**Original Color**  
E3665F

**Protanomaly**  
B37F6A

**Deuteranomaly**  
BF7B5B

**Tritanomaly**  
E46567

# Monochromacy



**Original Color**  
E3665F

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
AB7E7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3665F 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 #E3665F looks like.

```
.text, #text, p{  
    color:#E3665F  
}
```

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 #E3665F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3665F
}
```

## Border

The CSS property to change the border of an element to Hex E3665F 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
#E3665F }
```

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

```
.border{ border-color:#E3665F }
```

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

Here you see how a box with a 4 pixel #E3665F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3665F; -webkit-box-shadow:4px 4px  
4px 4px #E3665F; box-shadow:4px 4px 4px  
4px #E3665F }
```

# Background

The CSS property to change the background color of an element to Hex E3665F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3665F }
```

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

```
.background{ background-color:#E3665F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor