

# Converting Colors

Hex(E34653)

Have a look what the booklet for  
Hex(E34653) contains.

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**Color**

**Hex(E34653)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E34653
RGB	227, 70, 83
RGB Percent	89%, 27%, 33%
CMY	0.1098, 0.7255, 0.6745
CMYK	0.00, 0.69, 0.63, 0.11
HSL	355°, 74%, 58%
HSV	355°, 69%, 89%
XYZ	35.4300, 21.3357, 10.4345
YIQ	118.4250, 89.3990, 37.3270

# Conversions

## Conversions Part 2

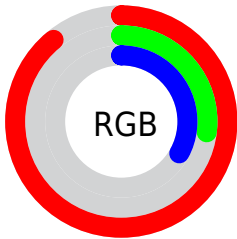
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 70, 83
Decimal	14894675
CIE Lab	53.32, 61.07, 27.99
CIE LCh	53, 67.179, 24.618
Yxy	21.3357, 0.5272, 0.3175
Android (android.graphics.Color)	4293084755 (0xFFE34653)
YUV	118.4250, -17.4645, 95.2203
Hunter-Lab	46.1906, 56.0830, 18.9398

# Details

The Hex color **E34653** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **46E3D6**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF7F84**, and **A50026** is the 20% darker color. If you saturate the color by 10%, you get **E32F3E**, and if you desaturate by 10%, it is **E35D68**.

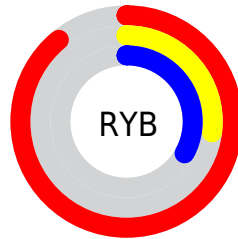
# Distribution



Red (89%)

Green (27%)

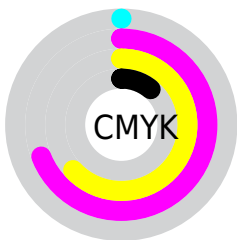
Blue (33%)



Red (89%)

Yellow (27%)

Blue (33%)

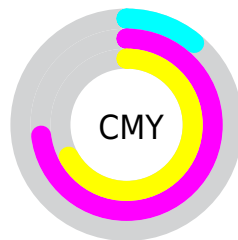


Cyan (0%)

Magenta (69%)

Yellow (63%)

Black (11%)



Cyan (11%)

Magenta (73%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E34653 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 E34653 by changing the saturation by 10% instead.



 E34653

 E34653

FFFFFF

 C4263C

 FF7F84

 A50026

 FF9C9F

 860012

 FFB9B9

 680000

 FFD6D5

 4A0002

 FFF3F2

 2C0001

 000000

 E34653

 E34653

 E32F3E

 E35D68

 E31929

 E3737D

 E30215

 E38A91

 E30013

 E3A1A6

 E3B8BB

 E3CED0

 E3E5E5

 E3FCFA

 E3FFFF

# Harmonies

## Analogous

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



DF408C



E34653



CC601C

# Triad

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



E34653



009437



008AF3

# Complementary

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



E34653



46E3D6

# 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.



0095DD



E34653



009973

# Square

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



E34653



6B8A00



0099AE



6675E9

# Rectangle

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



E34653



B27200



0099AE



008EEF



# Sweetspot

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



E34653



FFC9CE



D646E3



806062



000000



808080



# Same Dimension

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



E34653



FF2B3D



E38746



736768



B3000F



330004



# Inverse Universe

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



E34653



FF2B3D



46A2E3



736768



B3000F

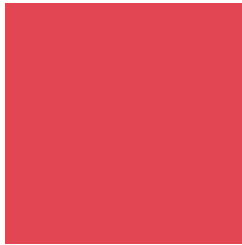


330004



# Previews

## White Background



This preview shows how the Hex color E34653 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 E34653 Background



This preview shows how black text looks on a background with the Hex color E34653.

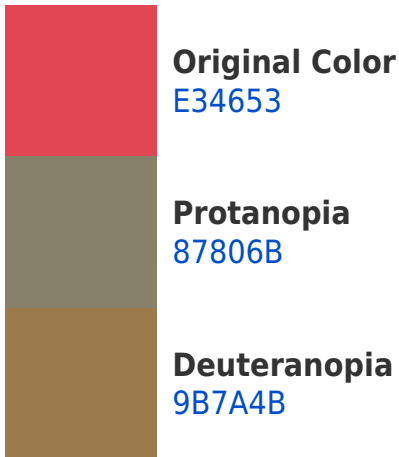


This preview shows how white text looks on a background with the Hex color E34653.

# 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**  
E3474B

# Trichromacy



**Original Color**  
E34653

**Protanomaly**  
A86B62

**Deuteranomaly**  
B5674E

**Tritanomaly**  
E3474E

# Monochromacy



**Original Color**  
E34653

**Achromatopsia**  
767676

**Achromatomaly**  
9E6569

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E34653 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 #E34653 looks like.

```
.text, #text, p{  
  color:#E34653  
}
```

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 #E34653 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E34653
}
```

## Border

The CSS property to change the border of an element to Hex E34653 is called "border". The border property can be set on classes, ids or directly on the HTML element.

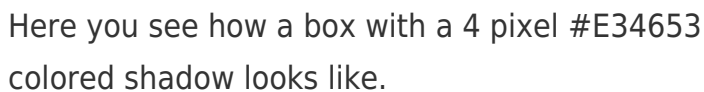
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E34653 }
```

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

```
.border{ border-color:#E34653 }
```

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



Here you see how a box with a 4 pixel #E34653 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E34653; -webkit-box-shadow:4px 4px  
4px 4px #E34653; box-shadow:4px 4px 4px  
4px #E34653 }
```

# Background

The CSS property to change the background color of an element to Hex E34653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E34653 }
```

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

```
.background{ background-color:#E34653 }
```

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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