

# Converting Colors

Hex(E34456)

Have a look what the booklet for  
Hex(E34456) contains.

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**Color**

**Hex(E34456)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E34456
RGB	227, 68, 86
RGB Percent	89%, 27%, 34%
CMY	0.1098, 0.7333, 0.6627
CMYK	0.00, 0.70, 0.62, 0.11
HSL	353°, 74%, 58%
HSV	353°, 70%, 89%
XYZ	35.4254, 21.1370, 11.0168
YIQ	117.5930, 88.9860, 39.3060

# Conversions

## Conversions Part 2

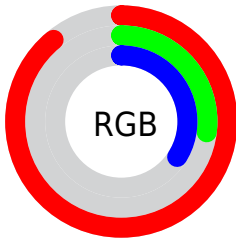
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 68, 86
Decimal	14894166
CIE <sub>Lab</sub>	53.10, 61.99, 25.94
CIE <sub>LCh</sub>	53, 67.196, 22.709
Yxy	21.1370, 0.5242, 0.3128
Android (android.graphics.Color)	4293084246 (0xFFE34456)
YUV	117.5930, -15.5753, 95.9499
Hunter-Lab	45.9750, 57.0843, 17.9751

# Details

The Hex color **E34456** 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 **44E3D1**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF7E88**, and **A50029** is the 20% darker color. If you saturate the color by 10%, you get **E32D42**, and if you desaturate by 10%, it is **E35B6A**.

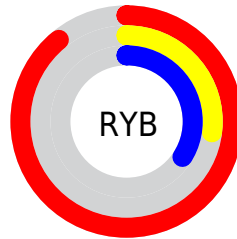
# Distribution



Red (89%)

Green (27%)

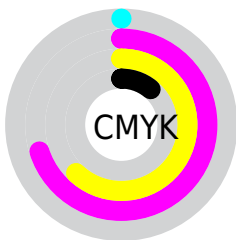
Blue (34%)



Red (89%)

Yellow (27%)

Blue (34%)

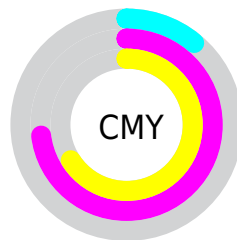


Cyan (0%)

Magenta (70%)

Yellow (62%)

Black (11%)



Cyan (11%)

Magenta (73%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E34456 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 E34456 by changing the saturation by 10% instead.



 E34456

 E34456

FFFFFF

 C4233F

 FF7E88

 A50029

 FF9AA2

 860015

 FFB7BD

 680000

 FFD4D9

 4A0002

 FFF2F5

 2C0001

 000000

 E34456

 E34456

 E32D42

 E35B6A

 E3172E

 E3717E

 E3001A

 E38892

 E39FA7

 E3B5BB

 E3CCCF

 E3E3E3

 E3FAF7

 E3FFFF

# Harmonies

## Analogous

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



DE408F



E34456



CD5E20

# Triad

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



E34456



079332



008AF2

# Complementary

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



E34456



44E3D1

# 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.



0095DA



E34456



00986E

# Square

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



E34456



6F8900



0099AA



5D76EA

# Rectangle

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



E34456



B47000



0099AA



008FEE



# Sweetspot

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



E34456



FFC9D0



D044E3



806063



000000



808080



# Same Dimension

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



E34456



FF2941



E38144



736769



B30014



330006



# Inverse Universe

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



E34456



FF2941



44A6E3



736769



B30014



330006



# Previews

## White Background



This preview shows how the Hex color E34456 looks on a white background.

## Color Contrast Check

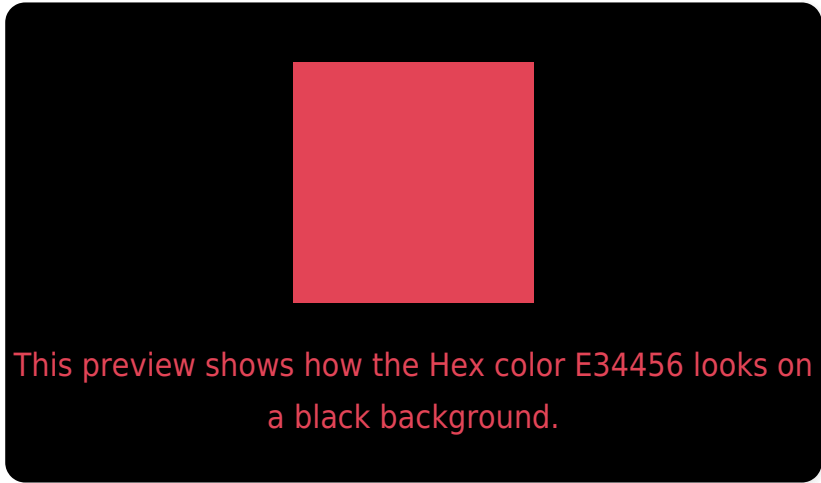
Large Text (above 18pt) WCAG AA ✓ Pass

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 E34456 Background



This preview shows how black text looks on a background with the Hex color E34456.



This preview shows how white text looks on a background with the Hex color E34456.

# 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**  
E34456

**Protanopia**  
857F6F

**Deuteranopia**  
9A7A4E



**Tritanopia**  
E2464A

# Trichromacy



**Original Color**  
E34456

**Protanomaly**  
A76A66

**Deuteranomaly**  
B56651

**Tritanomaly**  
E2454E

# Monochromacy



**Original Color**  
E34456

**Achromatopsia**  
767676

**Achromatomaly**  
9E646A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E34456 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 #E34456 looks like.

```
.text, #text, p{  
    color:#E34456  
}
```

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 #E34456 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E34456
}
```

## Border

The CSS property to change the border of an element to Hex E34456 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".

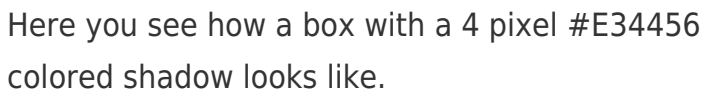
```
.border, #border, table{ border:4px solid
#E34456 }
```

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

```
.border{ border-color:#E34456 }
```

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

Here you see how a box with a 4 pixel #E34456 colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a 4px red shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E34456; -webkit-box-shadow:4px 4px  
4px 4px #E34456; box-shadow:4px 4px 4px  
4px #E34456 }
```

# Background

The CSS property to change the background color of an element to Hex E34456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E34456 }
```

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

```
.background{ background-color:#E34456 }
```

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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