

# Converting Colors

Hex(E36666)

Have a look what the booklet for  
Hex(E36666) contains.

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# Color

**Hex(E36666)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E36666
RGB	227, 102, 102
RGB Percent	89%, 40%, 40%
CMY	0.1098, 0.6000, 0.6000
CMYK	0.00, 0.55, 0.55, 0.11
HSL	0°, 69%, 65%
HSV	0°, 55%, 89%
XYZ	38.8282, 26.7929, 15.6955
YIQ	139.3750, 74.5000, 26.5000

# Conversions

## Conversions Part 2

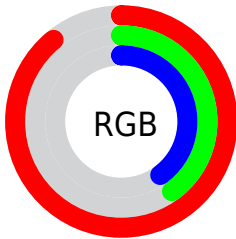
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 102, 102
Decimal	14902886
CIE <sub>Lab</sub>	58.78, 48.66, 24.07
CIE <sub>LCh</sub>	59, 54.289, 26.317
Yxy	26.7929, 0.4775, 0.3295
Android (android.graphics.Color)	4293092966 (0xFFE36666)
YUV	139.3750, -18.4259, 76.8471
Hunter-Lab	51.7619, 43.3150, 18.2552

# Details

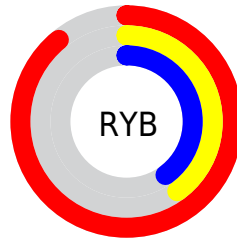
The Hex color **E36666** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **66E3E3**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF9C99**, and **A63037** is the 20% darker color. If you saturate the color by 10%, you get **E34F4F**, and if you desaturate by 10%, it is **E37D7D**.

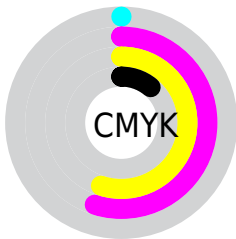
# Distribution



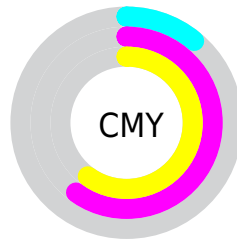
- Red (89%)
- Green (40%)
- Blue (40%)



- Red (89%)
- Yellow (40%)
- Blue (40%)



- Cyan (0%)
- Magenta (55%)
- Yellow (55%)
- Black (11%)



- Cyan (11%)
- Magenta (60%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E36666 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 E36666 by changing the saturation by 10% instead.



 E36666

 E36666

FFFFFF

 C54B4E

 FF9C99

 A63037

 FFB8B4

 890F22

 FFD5CF

 6C000D

 FFF2EC

 4F0000

 350002

 010000

 000000

 E36666

 E36666

 E34F4F

 E37D7D

 E33939

 E39393

 E32222

 E3AAAA

 E30B0B

 E3C1C1

 E30000

 E3D8D8

 E3EEEE

 E3FFFF

# Harmonies

## Analogous

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



E06295



E36666



CF773E

# Triad

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



E36666



3DA056



0095EC

# Complementary

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



E36666



66E3E3

# 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.



009FDC



E36666



00A486

# Square

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



E36666



7E9731



00A4B6



8483E3

# Rectangle

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



E36666



B9832C



00A4B6



0099EA



# Sweetspot

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



E36666



FFD4D4



E366E3



806666



000000



808080



# Same Dimension

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



E36666



FF5757



E3A466



736767



B30000



330000



# Inverse Universe

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



66E3E3



57FFFF



66A4E3



677373



00B3B3



003333



# Previews

## White Background



This preview shows how the Hex color E36666 looks on a white background.

## Color Contrast Check

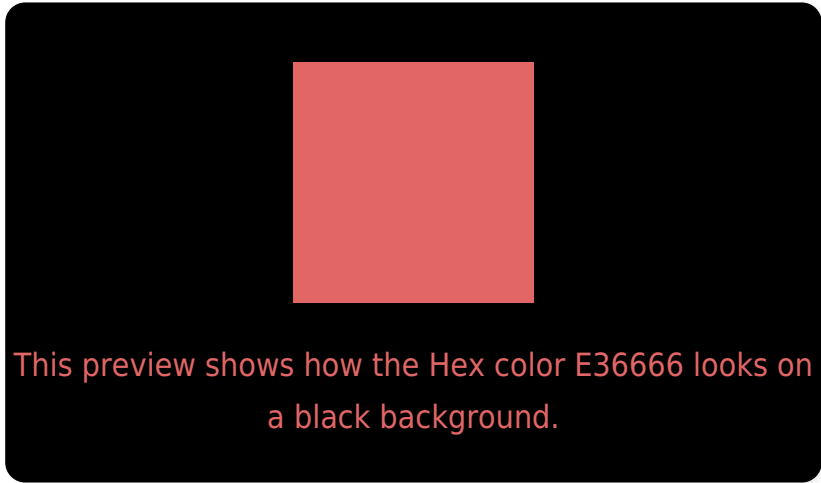
Large Text (above 18pt) WCAG AA ✓ Pass

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 E36666 Background



This preview shows how black text looks on a background with the Hex color E36666.



This preview shows how white text looks on a background with the Hex color E36666.

# 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**  
E3656C

# Trichromacy



**Original Color**  
E36666

**Protanomaly**  
B17F71

**Deuteranomaly**  
BF7C62

**Tritanomaly**  
E3656A

# Monochromacy



**Original Color**  
E36666

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
AB7E7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E36666 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 #E36666 looks like.

```
.text, #text, p{  
    color:#E36666  
}
```

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 #E36666 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E36666
}
```

## Border

The CSS property to change the border of an element to Hex E36666 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
#E36666 }
```

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

```
.border{ border-color:#E36666 }
```

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

Here you see how a box with a 4 pixel #E36666 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E36666; -webkit-box-shadow:4px 4px  
4px 4px #E36666; box-shadow:4px 4px 4px  
4px #E36666 }
```

# Background

The CSS property to change the background color of an element to Hex E36666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E36666 }
```

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

```
.background{ background-color:#E36666 }
```

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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