

# Converting Colors

Hex(E60F3A)

Have a look what the booklet for  
Hex(E60F3A) contains.

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# Color

**Hex(E60F3A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E60F3A
RGB	230, 15, 58
RGB Percent	90%, 6%, 23%
CMY	0.0980, 0.9412, 0.7725
CMYK	0.00, 0.93, 0.75, 0.10
HSL	348°, 88%, 48%
HSV	348°, 93%, 90%
XYZ	33.5677, 17.4701, 5.6058
YIQ	84.1870, 114.3370, 58.9530

# Conversions

## Conversions Part 2

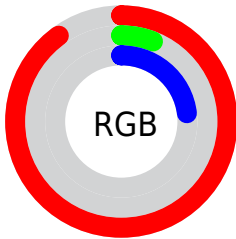
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	230, 15, 58
Decimal	15077178
CIE Lab	48.85, 73.91, 37.40
CIE LCh	49, 82.837, 26.841
Yxy	17.4701, 0.5926, 0.3084
Android (android.graphics.Color)	4293267258 (0xFFE60F3A)
YUV	84.1870, -12.9102, 127.8780
Hunter-Lab	41.7973, 70.2093, 21.3061

# Details

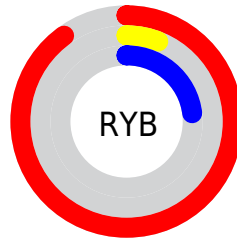
The Hex color **E60F3A** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **0FE6BB**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF5F69**, and **A50011** is the 20% darker color. If you saturate the color by 10%, you get **E6002E**, and if you desaturate by 10%, it is **E6264C**.

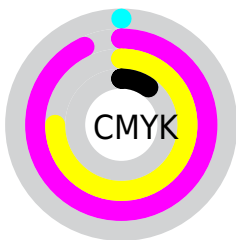
# Distribution



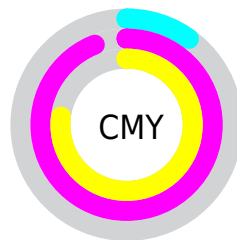
- Red (90%)
- Green (6%)
- Blue (23%)



- Red (90%)
- Yellow (6%)
- Blue (23%)



- Cyan (0%)
- Magenta (93%)
- Yellow (75%)
- Black (10%)



- Cyan (10%)
- Magenta (94%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E60F3A 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 E60F3A by changing the saturation by 10% instead.



 E60F3A

 E60F3A

FFFFFF

 C50024

 FF5F69

 A50011

 FF7E82

 850000

 FF9C9D

 650002

 FFB9B7

 480004

 FFD7D3

 270001

 FFF5EF

 000000

 E60F3A

 E60F3A

 E6002E

 E6264C

 E63D5F

 E65471

 E66B84

 E68296

 E699A8

 E6B0BB

 E6C7CD

 E6DEE0

# Harmonies

## Analogous

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



E7007F



E60F3A



C74E00

# Triad

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



E60F3A



008C1A



0080FF

# Complementary

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



E60F3A



0FE6BB

# 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.



008DEA



E60F3A



00906A

# Square

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



E60F3A



4F8200



0091B2



5065F3

# Rectangle

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



E60F3A



A76600



0091B2



0086FF



# Sweetspot

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



E60F3A



FFB8C6



BB0FE6



80545D



000000



808080



# Same Dimension

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



E60F3A



FF0033



E6500F



73676A



B30024



33000A



# Inverse Universe

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



E60F3A



FF0033



0FA5E6



73676A



B30024



33000A



# Previews

## White Background



This preview shows how the Hex color E60F3A looks on a white background.

## Color Contrast Check

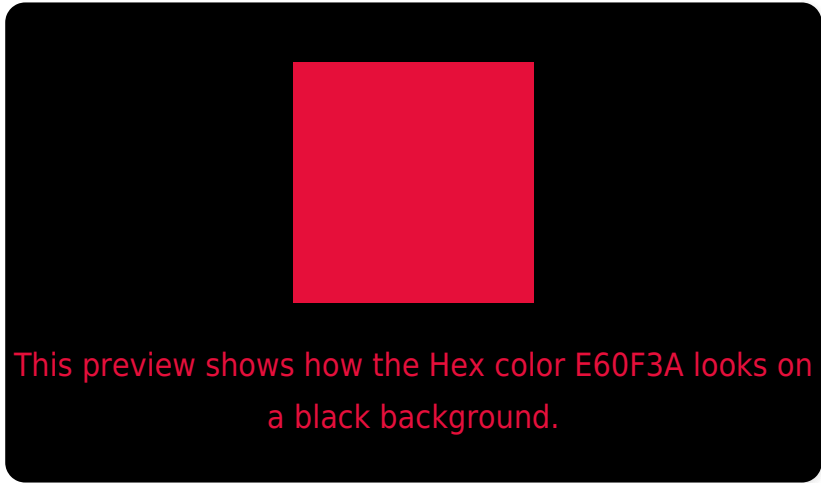
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex E60F3A Background



This preview shows how black text looks on a background with the Hex color E60F3A.



This preview shows how white text looks on a background with the Hex color E60F3A.

# 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**  
E60F3A

**Protanopia**  
7E7557

**Deuteranopia**  
926F2D



**Tritanopia**  
E51B15

# Trichromacy



**Original Color**  
E60F3A



**Protanomaly**  
A4504C



**Deuteranomaly**  
B14C32



**Tritanomaly**  
E51722

# Monochromacy



**Original Color**  
E60F3A



**Achromatopsia**  
545454



**Achromatomaly**  
893B4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E60F3A 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 #E60F3A looks like.

```
.text, #text, p{  
    color:#E60F3A  
}
```

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 #E60F3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E60F3A }  
}
```

## Border

The CSS property to change the border of an element to Hex E60F3A 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".

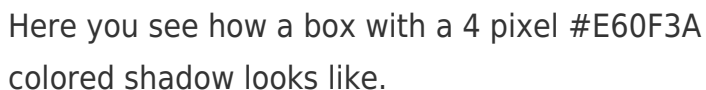
```
.border, #border, table{ border:4px solid #E60F3A }  
}
```

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

```
.border{ border-color:#E60F3A }
```

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

Here you see how a box with a 4 pixel #E60F3A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E60F3A; -webkit-box-shadow:4px 4px  
4px 4px #E60F3A; box-shadow:4px 4px 4px  
4px #E60F3A }
```

# Background

The CSS property to change the background color of an element to Hex E60F3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E60F3A }
```

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

```
.background{ background-color:#E60F3A }
```

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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