

# Converting Colors

Hex(E40F5A)

Have a look what the booklet for  
Hex(E40F5A) contains.

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**Color**

**Hex(E40F5A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E40F5A
RGB	228, 15, 90
RGB Percent	89%, 6%, 35%
CMY	0.1059, 0.9412, 0.6471
CMYK	0.00, 0.93, 0.61, 0.11
HSL	339°, 88%, 48%
HSV	339°, 93%, 89%
XYZ	34.0112, 17.5738, 11.2724
YIQ	87.2370, 102.8730, 68.4810

# Conversions

## Conversions Part 2

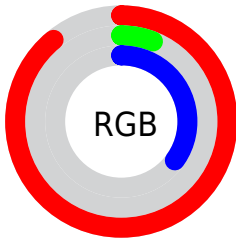
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 15, 90
Decimal	14946138
CIE <sub>Lab</sub>	48.98, 74.91, 18.12
CIE <sub>LCh</sub>	49, 77.069, 13.595
Yxy	17.5738, 0.5411, 0.2796
Android (android.graphics.Color)	4293136218 (0xFFE40F5A)
YUV	87.2370, 1.3622, 123.4492
Hunter-Lab	41.9211, 71.4575, 13.4020

# Details

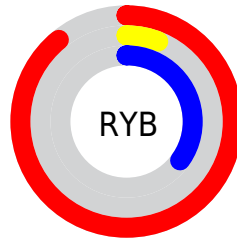
The Hex color **E40F5A** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **0FE499**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF608C**, and **A5002D** is the 20% darker color. If you saturate the color by 10%, you get **E40050**, and if you desaturate by 10%, it is **E42669**.

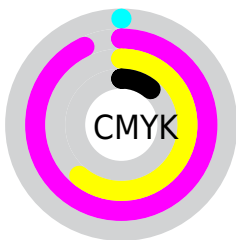
# Distribution



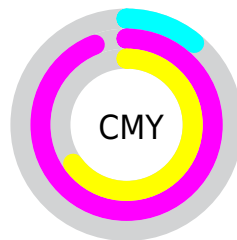
- Red (89%)
- Green (6%)
- Blue (35%)



- Red (89%)
- Yellow (6%)
- Blue (35%)



- Cyan (0%)
- Magenta (93%)
- Yellow (61%)
- Black (11%)



- Cyan (11%)
- Magenta (94%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E40F5A 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 E40F5A by changing the saturation by 10% instead.



 E40F5A

 E40F5A

FFFFFF

 C40043

 FF608C

 A5002D

 FF7EA6

 85001A

 FF9CC1

 670002

 FFBADD

 490004

 FFD8F9

 280001

 FFF6FF

 000000

 E40F5A

 E40F5A

 E40050

 E42669

 E43D78

 E45386

 E46A95

 E481A4

 E498B3

 E4AFC1

 E4C5D0

 E4DCDF

# Harmonies

## Analogous

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



D4229B



E40F5A



D34019

# Triad

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



E40F5A



118800



0086F3

# Complementary

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



E40F5A



0FE499

# 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.



008ECE



E40F5A



008E4D

# Square

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



E40F5A



727B00



009091



0073F5

# Rectangle

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



E40F5A



BA5A00



009091



008AEA



# Sweetspot

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



E40F5A



FFB8D1



960FE4



805463



000000



808080



# Same Dimension

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



E40F5A



FF005A



E42B0F



73676B



B3003F



330012



# Inverse Universe

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



E40F5A



FF005A



0FC8E4



73676B



B3003F



330012



# Previews

## White Background



This preview shows how the Hex color E40F5A looks on a white background.

## Color Contrast Check

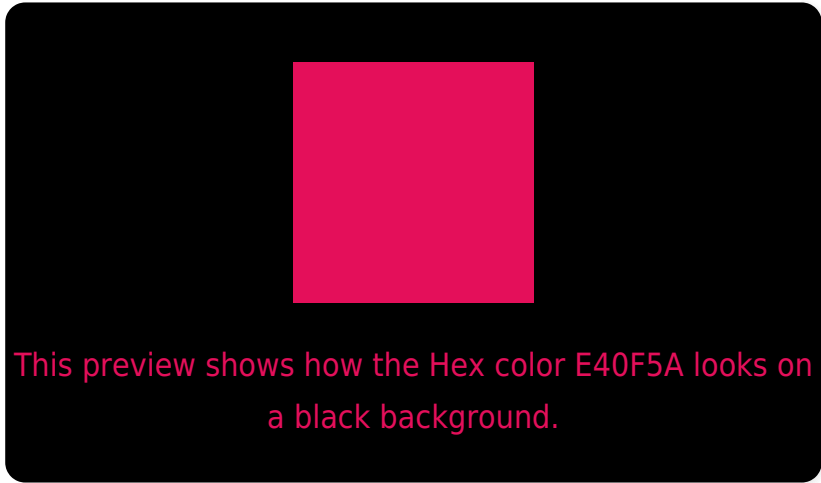
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 E40F5A Background



This preview shows how black text looks on a background with the Hex color E40F5A.



This preview shows how white text looks on a background with the Hex color E40F5A.

# 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**  
E40F5A

**Protanopia**  
747583

**Deuteranopia**  
8C7050



**Tritanopia**  
E22624

# Trichromacy



**Original Color**  
E40F5A



**Protanomaly**  
9D5074



**Deuteranomaly**  
AC4D54

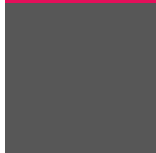


**Tritanomaly**  
E31E38

# Monochromacy



**Original Color**  
E40F5A



**Achromatopsia**  
575757



**Achromatomaly**  
8A3D58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E40F5A 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 #E40F5A looks like.

```
.text, #text, p{  
    color:#E40F5A  
}
```

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 #E40F5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E40F5A
}
```

## Border

The CSS property to change the border of an element to Hex E40F5A 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
#E40F5A }
```

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

```
.border{ border-color:#E40F5A }
```

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

Here you see how a box with a 4 pixel #E40F5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E40F5A; -webkit-box-shadow:4px 4px  
4px 4px #E40F5A; box-shadow:4px 4px 4px  
4px #E40F5A }
```

# Background

The CSS property to change the background color of an element to Hex E40F5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E40F5A }
```

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

```
.background{ background-color:#E40F5A }
```

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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