

# Converting Colors

Hex(EC1346)

Have a look what the booklet for  
Hex(EC1346) contains.

<b>Hex(EC1346)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(EC1346)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC1346
RGB	236, 19, 70
RGB Percent	93%, 7%, 27%
CMY	0.0745, 0.9255, 0.7255
CMYK	0.00, 0.92, 0.70, 0.07
HSL	346°, 85%, 50%
HSV	346°, 92%, 93%
XYZ	35.9304, 18.7408, 7.5179
YIQ	89.6970, 112.9610, 61.8650

# Conversions

## Conversions Part 2

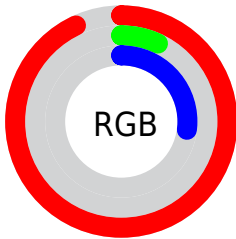
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	236, 19, 70
Decimal	15471430
CIE Lab	50.38, 75.40, 32.40
CIE LCh	50, 82.066, 23.256
Yxy	18.7408, 0.5778, 0.3014
Android (android.graphics.Color)	4293661510 (0xFFEC1346)
YUV	89.6970, -9.7106, 128.3077
Hunter-Lab	43.2907, 72.3930, 20.0070

# Details

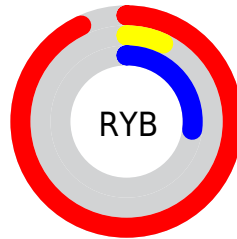
The Hex color **EC1346** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **13ECB9**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF6276**, and **AB001B** is the 20% darker color. If you saturate the color by 10%, you get **EC0037**, and if you desaturate by 10%, it is **EC2B58**.

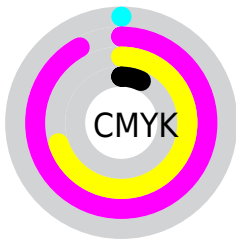
# Distribution



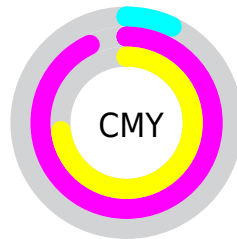
- Red (93%)
- Green (7%)
- Blue (27%)



- Red (93%)
- Yellow (7%)
- Blue (27%)



- Cyan (0%)
- Magenta (92%)
- Yellow (70%)
- Black (7%)



- Cyan (7%)
- Magenta (93%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC1346 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 EC1346 by changing the saturation by 10% instead.



 EC1346

 EC1346

FFFFFF

 CC0030

 FF6276

 AB001B

 FF8190

 8B0003

 FF9FAA

 6C0002

 FFBC5

 4E0004

 FFD8E1

 2E0002

 FFF9FE

 000000

 EC1346

 EC1346

 EC0037

 EC2B58

 EC426A

 EC5A7C

 EC718E

 EC89A0

 ECA1B2

 ECB8C4

 ECD0D6

 ECE7E8

# Harmonies

## Analogous

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



E8008B



EC1346



D04D00

# Triad

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



EC1346



008F13



0086FF

# Complementary

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



EC1346



13ECB9

# 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.



0092E8



EC1346



009465

# Square

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



EC1346



5D8400



0095AE



3B6DFA

# Rectangle

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



EC1346



B16600



0095AE



008BFF



# Sweetspot

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



EC1346



FFB8C8



B613EC



80545E



000000



808080



# Same Dimension

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



EC1346



FF003C



EC4913



756A6C



B5002B



36000D



# Inverse Universe

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



EC1346



FF003C



13B6EC



756A6C



B5002B



36000D



# Previews

## White Background



This preview shows how the Hex color EC1346 looks on a white background.

## Color Contrast Check

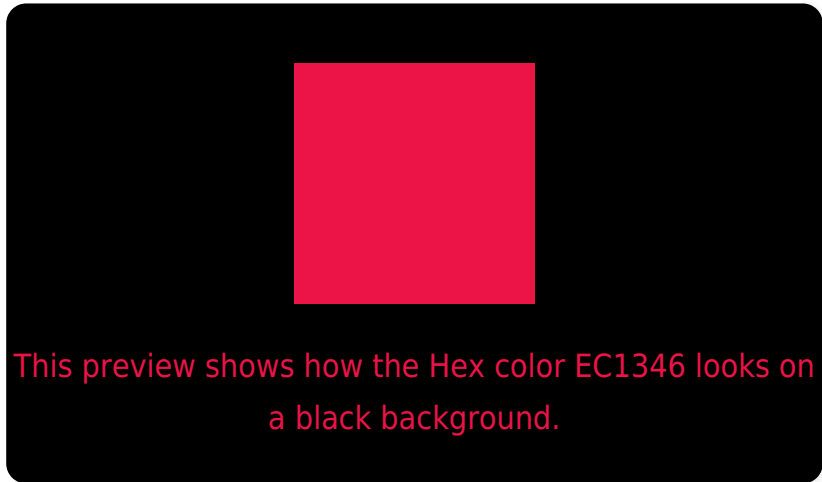
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC1346 Background



This preview shows how black text looks on a background with the Hex color EC1346.



This preview shows how white text looks on a background with the Hex color EC1346.

# 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



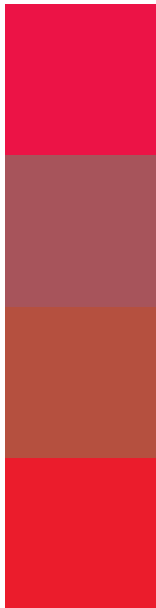
**Original Color**  
EC1346

**Protanopia**  
7F7967

**Deuteranopia**  
95733B



# Trichromacy



**Original Color**  
EC1346

**Protanomaly**  
A7545B

**Deuteranomaly**  
B5503F

**Tritanomaly**  
EB1C2C

# Monochromacy



**Original Color**  
EC1346

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
8F4053

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC1346 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 #EC1346 looks like.

```
.text, #text, p{  
    color:#EC1346  
}
```

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 #EC1346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC1346  
}
```

## Border

The CSS property to change the border of an element to Hex EC1346 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  
#EC1346 }
```

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

```
.border{ border-color:#EC1346 }
```

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

Here you see how a box with a 4 pixel #EC1346 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC1346; -webkit-box-shadow:4px 4px  
4px 4px #EC1346; box-shadow:4px 4px 4px  
4px #EC1346 }
```

# Background

The CSS property to change the background color of an element to Hex EC1346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC1346 }
```

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

```
.background{ background-color:#EC1346 }
```

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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