

# Converting Colors

Hex(EC1156)

Have a look what the booklet for  
Hex(EC1156) contains.

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# Color

**Hex(EC1156)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC1156
RGB	236, 17, 86
RGB Percent	93%, 7%, 34%
CMY	0.0745, 0.9333, 0.6627
CMYK	0.00, 0.93, 0.64, 0.07
HSL	341°, 87%, 50%
HSV	341°, 93%, 93%
XYZ	36.4722, 18.9057, 10.5310
YIQ	90.3470, 108.3750, 67.8870

# Conversions

## Conversions Part 2

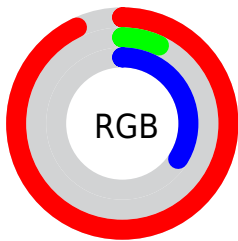
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	236, 17, 86
Decimal	15470934
CIE <sub>Lab</sub>	50.58, 76.37, 22.98
CIE <sub>LCh</sub>	51, 79.753, 16.748
Yxy	18.9057, 0.5534, 0.2868
Android (android.graphics.Color)	4293661014 (0xFFEC1156)
YUV	90.3470, -2.1431, 127.7377
Hunter-Lab	43.4806, 73.6375, 16.0765

# Details

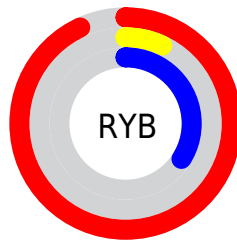
The Hex color **EC1156** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **11ECA7**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF6287**, and **AC002A** is the 20% darker color. If you saturate the color by 10%, you get **EC004A**, and if you desaturate by 10%, it is **EC2966**.

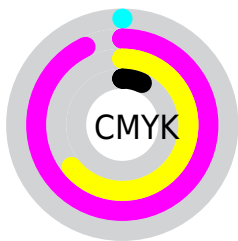
# Distribution



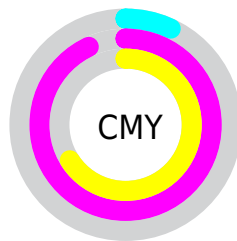
- Red (93%)
- Green (7%)
- Blue (34%)



- Red (93%)
- Yellow (7%)
- Blue (34%)



- Cyan (0%)
- Magenta (93%)
- Yellow (64%)
- Black (7%)



- Cyan (7%)
- Magenta (93%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC1156 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 EC1156 by changing the saturation by 10% instead.



 EC1156

 EC1156

FFFFFF

 CC003F

 FF6287

 AC002A

 FF81A1

 8C0016

 FF9FBC

 6D0002

 FFBDD8

 4F0004

 FFDBF4

 2F0002

 FFF9FF

 000000

 EC1156

 EC1156

 EC004A

 EC2966

 EC4076

 EC5886

 EC6F97

 EC87A7

 EC9FB7

 ECB6C7

 ECCED7

 ECE5E7

# Harmonies

## Analogous

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



E01B9A



EC1156



D7460E

# Triad

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



EC1156



008D00



0089FE

# Complementary

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



EC1156



11ECA7

# 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.



0093DB



EC1156



009357

# Square

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



EC1156



6F8100



00959E



0074FD

# Rectangle

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



EC1156



BC6000



00959E



008EF6



# Sweetspot

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



EC1156



FFB8CE



A711EC



805462



000000



808080



# Same Dimension

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



EC1156



FF0050



EC3911



756A6D



B50039



360011



# Inverse Universe

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



EC1156



FF0050



11C4EC



756A6D



B50039



360011



# Previews

## White Background



This preview shows how the Hex color EC1156 looks on a white background.

## Color Contrast Check

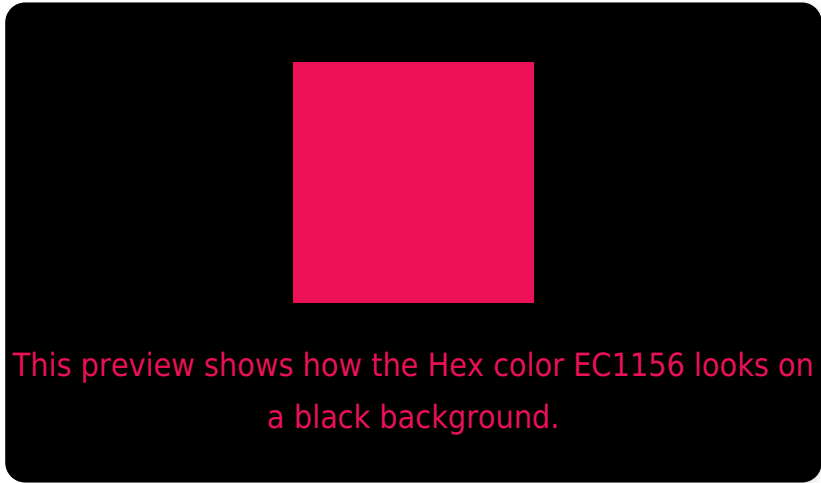
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC1156 Background



This preview shows how black text looks on a background with the Hex color EC1156.



This preview shows how white text looks on a background with the Hex color EC1156.

# 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**  
EC1156

**Protanopia**  
7A797D

**Deuteranopia**  
93744C



# Trichromacy



**Original Color**  
EC1156



**Protanomaly**  
A3536F



**Deuteranomaly**  
B35050



**Tritanomaly**  
EB1E36

# Monochromacy



**Original Color**  
EC1156



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
8F3F59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC1156 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 #EC1156 looks like.

```
.text, #text, p{  
    color:#EC1156  
}
```

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 #EC1156 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC1156
}
```

## Border

The CSS property to change the border of an element to Hex EC1156 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
#EC1156 }
```

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

```
.border{ border-color:#EC1156 }
```

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

Here you see how a box with a 4 pixel #EC1156 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC1156; -webkit-box-shadow:4px 4px  
4px 4px #EC1156; box-shadow:4px 4px 4px  
4px #EC1156 }
```

# Background

The CSS property to change the background color of an element to Hex EC1156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC1156 }
```

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

```
.background{ background-color:#EC1156 }
```

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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