

Converting Colors

Hex(EC358C)

Have a look what the booklet for
Hex(EC358C) contains.

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Color

Hex(**EC358C**)

Conversions

Conversions Part 1

Format	Color
Hex	EC358C
RGB	236, 53, 140
RGB Percent	93%, 21%, 55%
CMY	0.0745, 0.7922, 0.4510
CMYK	0.00, 0.78, 0.41, 0.07
HSL	331°, 83%, 57%
HSV	331°, 78%, 93%
XYZ	40.5988, 22.2725, 26.9702
YIQ	117.6350, 81.1410, 65.8530

Conversions

Conversions Part 2

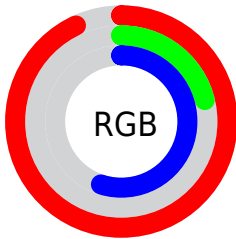
Format	Color
R _Y B	236, 53, 140
Decimal	15480204
CIE Lab	54.31, 73.47, -4.37
CIE LCh	54, 73.603, 356.595
Yxy	22.2725, 0.4519, 0.2479
Android (android.graphics.Color)	4293670284 (0xFFEC358C)
YUV	117.6350, 11.0259, 103.8061
Hunter-Lab	47.1938, 70.9669, -0.8473

Details

The Hex color **EC358C** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **35EC95**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF75C1**, and **AF005A** is the 20% darker color. If you saturate the color by 10%, you get **EC1D80**, and if you desaturate by 10%, it is **EC4D98**.

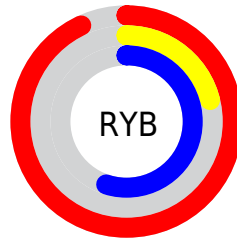
Distribution



Red (93%)

Green (21%)

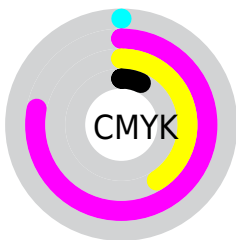
Blue (55%)



Red (93%)

Yellow (21%)

Blue (55%)

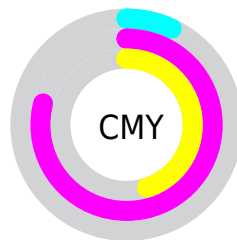


Cyan (0%)

Magenta (78%)

Yellow (41%)

Black (7%)



Cyan (7%)

Magenta (79%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC358C 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 EC358C by changing the saturation by 10% instead.

 EC358C

 EC358C

FFFFFF

 CD0073

 FF75C1

 AF005A

 FF93DD

 900043

 FFB0FA

 73002D

 FFCEFF

 550019

 FFECFF

 390002

 0F0000

 000000

 EC358C

 EC358C

 EC1D80

 EC4D98

 EC0673

 EC64A5

 EC0070

 EC7CB1

 EC93BE

 ECABCA

 ECC3D6

 ECDAE3

 ECF2EF

 ECFFFB

Harmonies

Analogous

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



C652C9



EC358C



ED404D

Triad

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



EC358C



668F00



0099EC

Complementary

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



EC358C



35EC95

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.



009EB9



EC358C



009935

Square

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



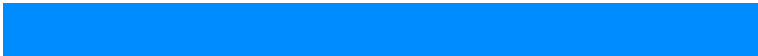
EC358C



A37D00



009D78



008CFF

Rectangle

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



EC358C



DD5624



009D78



009BDE

Sweetspot

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



EC358C



FFC4E0



9435EC



805C6D



000000



808080

Same Dimension

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



EC358C



FF1283



EC3835



756A6F



B50056



360019

Inverse Universe

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



EC358C



FF1283



35E9EC



756A6F



B50056



360019

Previews

White Background



This preview shows how the Hex color EC358C 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 EC358C Background



This preview shows how black text looks on a background with the Hex color EC358C.



This preview shows how white text looks on a background with the Hex color EC358C.

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
EC358C

Protanopia
6F80BC

Deuteranopia
8F7E83



Tritanopia
E8484B

Trichromacy



Original Color
EC358C



Protanomaly
9C65AB



Deuteranomaly
B16386

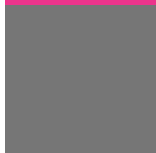


Tritanomaly
E94163

Monochromacy



Original Color
EC358C



Achromatopsia
767676



Achromatomaly
A15E7E

CSS Examples

Text

The CSS property to change the color of the text to Hex EC358C 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 #EC358C looks like.

```
.text, #text, p{  
    color:#EC358C  
}
```

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 #EC358C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC358C
}
```

Border

The CSS property to change the border of an element to Hex EC358C 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
#EC358C }
```

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

```
.border{ border-color:#EC358C }
```

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

Here you see how a box with a 4 pixel #EC358C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC358C; -webkit-box-shadow:4px 4px  
4px 4px #EC358C; box-shadow:4px 4px 4px  
4px #EC358C }
```

Background

The CSS property to change the background color of an element to Hex EC358C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC358C }
```

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

```
.background{ background-color:#EC358C }
```

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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