

Converting Colors

Hex(EC35D8)

Have a look what the booklet for
Hex(EC35D8) contains.

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Color

Hex(**EC35D8**)

Conversions

Conversions Part 1

Format	Color
Hex	EC35D8
RGB	236, 53, 216
RGB Percent	93%, 21%, 85%
CMY	0.0745, 0.7922, 0.1529
CMYK	0.00, 0.78, 0.08, 0.07
HSL	307°, 83%, 57%
HSV	307°, 78%, 93%
XYZ	48.2598, 25.3369, 67.3127
YIQ	126.2990, 56.7450, 89.4890

Conversions

Conversions Part 2

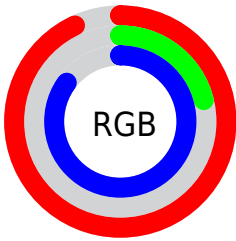
Format	Color
R _{YB}	236, 53, 216
Decimal	15480280
CIE Lab	57.40, 82.50, -43.82
CIE LCh	57, 93.416, 332.025
Yxy	25.3369, 0.3425, 0.1798
Android (android.graphics.Color)	4293670360 (0xFFEC35D8)
YUV	126.2990, 44.2226, 96.2078
Hunter-Lab	50.3358, 83.0506, -44.0518

Details

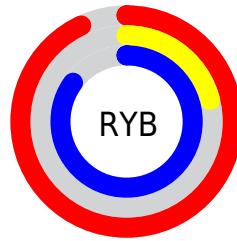
The Hex color **EC35D8** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **35EC49**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF78FF**, and **B000A1** is the 20% darker color. If you saturate the color by 10%, you get **EC1DD5**, and if you desaturate by 10%, it is **EC4DDB**.

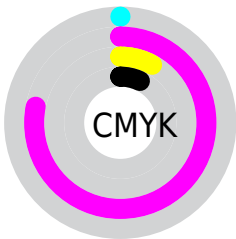
Distribution



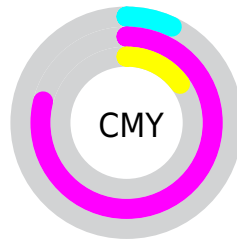
- Red (93%)
- Green (21%)
- Blue (85%)



- Red (93%)
- Yellow (21%)
- Blue (85%)



- Cyan (0%)
- Magenta (78%)
- Yellow (8%)
- Black (7%)



- Cyan (7%)
- Magenta (79%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC35D8 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 EC35D8 by changing the saturation by 10% instead.

 EC35D8

 EC35D8

FFFFFF

 CE00BC

 FF78FF

 B000A1

 FF96FF

 920086

 FFB4FF

 75006C

 FFD2FF

 590053

 FFF0FF

 3E003B

 1F0024

 00000C

 000000

 EC35D8

 EC35D8

 EC1DD5

 EC4DDB

 EC06D3

 EC64DD

 EC00D2

 EC7CE0

 EC93E2

 ECABE5

 ECC3E7

 ECDAEA

 ECF2ED

 ECFFEF

Harmonies

Analogous

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



8370FF



EC35D8



FF0088

Triad

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



EC35D8



A38900



00ABDF

Complementary

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



EC35D8



35EC49

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.



00AB8D



EC35D8



4C9D00

Square

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



EC35D8



E16500



00A735



00A5FF

Rectangle

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



EC35D8



FF0053



00A735



00ABC5

Sweetspot

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



EC35D8



FFC4F9



4735EC



805C7C



000000



808080

Same Dimension

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



EC35D8



FF12E5



EC357E



756A74



B500A1



360030

Inverse Universe

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



EC35D8



FF12E5



35ECA3



756A74



B500A1



360030

Previews

White Background



This preview shows how the Hex color EC35D8 looks on a white background.

Color Contrast Check

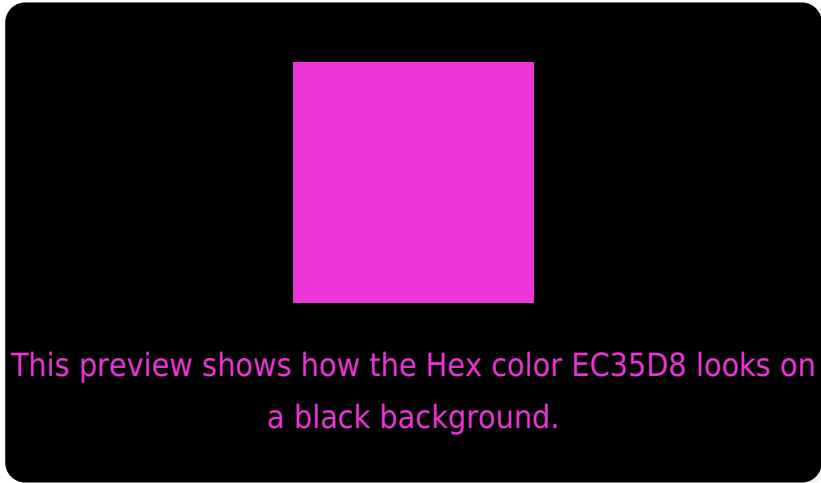
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC35D8 Background



This preview shows how black text looks on a background with the Hex color EC35D8.

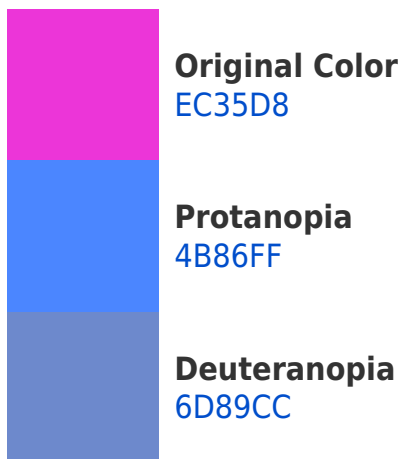


This preview shows how white text looks on a background with the Hex color EC35D8.

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





Tritanopia
E16066

Trichromacy



Original Color
EC35D8



Protanomaly
8669F1



Deuteranomaly
9B6AD0



Tritanomaly
E5508F

Monochromacy



Original Color
EC35D8



Achromatopsia
7E7E7E



Achromatomaly
A6639F

CSS Examples

Text

The CSS property to change the color of the text to Hex EC35D8 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 #EC35D8 looks like.

```
.text, #text, p{  
    color:#EC35D8  
}
```

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 #EC35D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC35D8
}
```

Border

The CSS property to change the border of an element to Hex EC35D8 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
#EC35D8 }
```

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

```
.border{ border-color:#EC35D8 }
```

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

Here you see how a box with a 4 pixel #EC35D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC35D8; -webkit-box-shadow:4px 4px  
4px 4px #EC35D8; box-shadow:4px 4px 4px  
4px #EC35D8 }
```

Background

The CSS property to change the background color of an element to Hex EC35D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC35D8 }
```

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

```
.background{ background-color:#EC35D8 }
```

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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