

Converting Colors

Hex(EC17C2)

Have a look what the booklet for
Hex(EC17C2) contains.

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Color

Hex(**EC17C2**)

Conversions

Conversions Part 1

Format	Color
Hex	EC17C2
RGB	236, 23, 194
RGB Percent	93%, 9%, 76%
CMY	0.0745, 0.9098, 0.2392
CMYK	0.00, 0.90, 0.18, 0.07
HSL	312°, 85%, 51%
HSV	312°, 90%, 93%
XYZ	44.6361, 22.3407, 52.9985
YIQ	106.1810, 72.0570, 98.3370

Conversions

Conversions Part 2

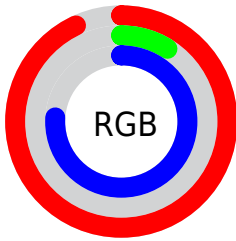
Format	Color
R _Y B	236, 23, 194
Decimal	15472578
CIE Lab	54.39, 85.25, -35.97
CIE LCh	54, 92.531, 337.125
Yxy	22.3407, 0.3720, 0.1862
Android (android.graphics.Color)	4293662658 (0xFFEC17C2)
YUV	106.1810, 43.2948, 113.8513
Hunter-Lab	47.2660, 85.8528, -33.3947

Details

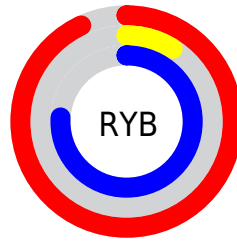
The Hex color **EC17C2** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **17EC41**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF68FB**, and **AF008C** is the 20% darker color. If you saturate the color by 10%, you get **EC00BD**, and if you desaturate by 10%, it is **EC2FC7**.

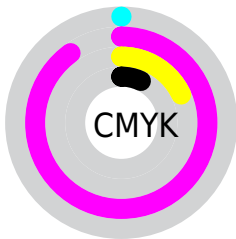
Distribution



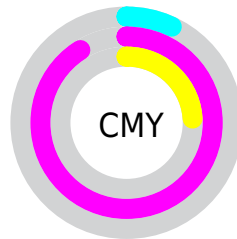
- Red (93%)
- Green (9%)
- Blue (76%)



- Red (93%)
- Yellow (9%)
- Blue (76%)



- Cyan (0%)
- Magenta (90%)
- Yellow (18%)
- Black (7%)



- Cyan (7%)
- Magenta (91%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC17C2 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 EC17C2 by changing the saturation by 10% instead.

 EC17C2

 EC17C2

FFFFFF

 CD00A7

 FF68FB

 AF008C

 FF87FF

 910072

 FFA6FF

 740059

 FFC4FF

 570041

 FFE3FF

 3B002A

 1B0014

 000000

 EC17C2

 EC17C2

 EC00BD

 EC2FC7

 EC46CB

 EC5ED0

 EC75D5

 EC8DD9

 ECA5DE

 ECBCE3

 ECD4E7

 ECEBEC

Harmonies

Analogous

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



9461FF



EC17C2



FF0073

Triad

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



EC17C2



8E8500



00A2E2

Complementary

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



EC17C2



17EC41

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.



00A294



EC17C2



2A9700

Square

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



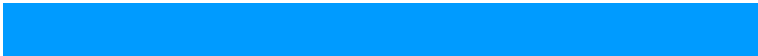
EC17C2



CE6500



009F3E



009BFF

Rectangle

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



EC17C2



FF003F



009F3E



00A3CA

Sweetspot

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



EC17C2



FFBAF1



3E17EC



805777



000000



808080

Same Dimension

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



EC17C2



FF00CD



EC175A



756A73



B50091



36002B

Inverse Universe

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



EC17C2



FF00CD



17ECA9



756A73



B50091



36002B

Previews

White Background



This preview shows how the Hex color EC17C2 looks on a white background.

Color Contrast Check

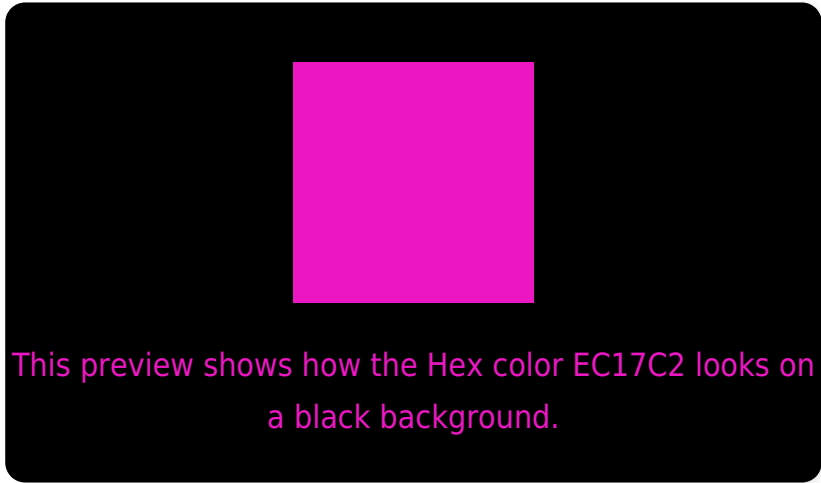
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC17C2 Background



This preview shows how black text looks on a background with the Hex color EC17C2.



This preview shows how white text looks on a background with the Hex color EC17C2.

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
E24E53

Trichromacy



Original Color
EC17C2



Protanomaly
7859E9



Deuteranomaly
9E5ABA



Tritanomaly
E63A7B

Monochromacy



Original Color
EC17C2



Achromatopsia
6A6A6A



Achromatomaly
994C8A

CSS Examples

Text

The CSS property to change the color of the text to Hex EC17C2 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 #EC17C2 looks like.

```
.text, #text, p{  
    color:#EC17C2  
}
```

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 #EC17C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC17C2
}
```

Border

The CSS property to change the border of an element to Hex EC17C2 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
#EC17C2 }
```

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

```
.border{ border-color:#EC17C2 }
```

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

Here you see how a box with a 4 pixel #EC17C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC17C2; -webkit-box-shadow:4px 4px  
4px 4px #EC17C2; box-shadow:4px 4px 4px  
4px #EC17C2 }
```

Background

The CSS property to change the background color of an element to Hex EC17C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC17C2 }
```

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

```
.background{ background-color:#EC17C2 }
```

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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