

Converting Colors

Hex(EC14F3)

Have a look what the booklet for
Hex(EC14F3) contains.

Hex(EC14F3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**EC14F3**)

Conversions

Conversions Part 1

Format	Color
Hex	EC14F3
RGB	236, 20, 243
RGB Percent	93%, 8%, 95%
CMY	0.0745, 0.9216, 0.0471
CMYK	0.03, 0.92, 0.00, 0.05
HSL	298°, 90%, 52%
HSV	298°, 92%, 95%
XYZ	51.0199, 24.8042, 86.8927
YIQ	110.0060, 57.1530, 115.1450

Conversions

Conversions Part 2

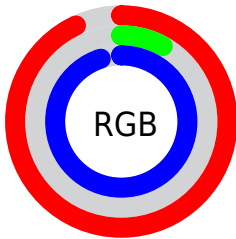
Format	Color
R _{YB}	236, 20, 243
Decimal	15471859
CIE Lab	56.88, 92.20, -59.85
CIE LCh	57, 109.919, 327.011
Yxy	24.8042, 0.3136, 0.1524
Android (android.graphics.Color)	4293661939 (0xFFEC14F3)
YUV	110.0060, 65.5660, 110.4967
Hunter-Lab	49.8039, 95.7016, -68.5804

Details

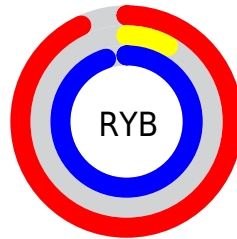
The Hex color **EC14F3** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **1BF314**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF6AFF**, and **AF00BA** is the 20% darker color. If you saturate the color by 10%, you get **EB00F3**, and if you desaturate by 10%, it is **ED2CF3**.

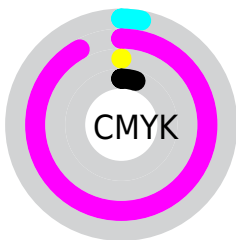
Distribution



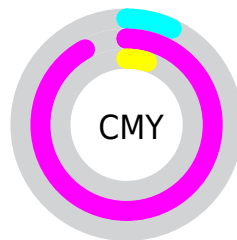
- Red (93%)
- Green (8%)
- Blue (95%)



- Red (93%)
- Yellow (8%)
- Blue (95%)



- Cyan (3%)
- Magenta (92%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (92%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC14F3 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 EC14F3 by changing the saturation by 10% instead.

 EC14F3

FFFFFF

 FF6AFF

 FF89FF

 FFA8FF

 FFC7FF

 FFE6FF

 EC14F3

 CD00D6

 AF00BA

 91009E

 730083

 560069

 3A0050

 190038

 000221

 000007

 EC14F3

 EC14F3

 EB00F3

 ED2CF3

 EE45F3

 EE5DF3

 EF75F3

 F08DF3

 F1A6F3

 F1BEF3

 F2D6F3

 F3EFF3

Harmonies

Analogous

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



3F73FF



EC14F3



FF0097

Triad

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



EC14F3



AE8200



00AEDE

Complementary

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



EC14F3



1BF314

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.



00AC7C



EC14F3



4D9B00

Square

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



EC14F3



F45000



00A700



00AAFF

Rectangle

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



EC14F3



FF0058



00A700



00ADB3

Sweetspot

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



EC14F3



FDB8FF



141BF3



7E5480



000000



808080

Same Dimension

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



EC14F3



F700FF



F3148B



7A6E7A



B400BA



39003B

Inverse Universe

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



F3141B



FF0008



14F37C



7A6E6F



BA0006



3B0002

Previews

White Background



This preview shows how the Hex color EC14F3 looks on a white background.

Color Contrast Check

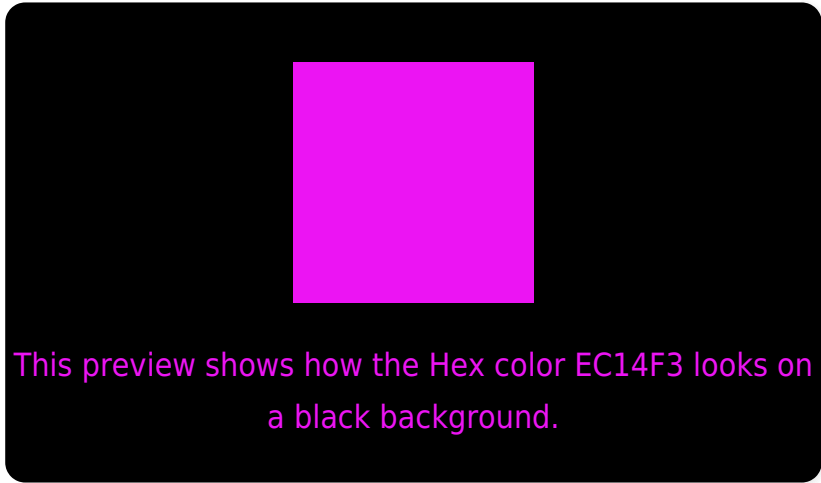
Large Text (above 18pt) WCAG AA ✓ Pass

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

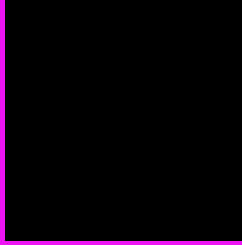
Any Text WCAG AA ✓ Pass

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 EC14F3 Background



This preview shows how black text looks on a background with the Hex color EC14F3.

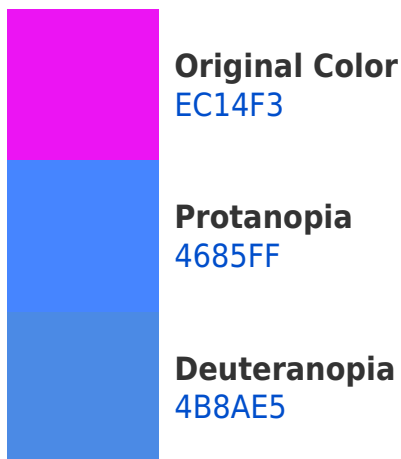


This preview shows how white text looks on a background with the Hex color EC14F3.

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



Trichromacy



Original Color
EC14F3



Protanomaly
825CFB



Deuteranomaly
865FEA



Tritanomaly
E2459A

Monochromacy



Original Color
EC14F3



Achromatopsia
6E6E6E



Achromatomaly
9C4D9E

CSS Examples

Text

The CSS property to change the color of the text to Hex EC14F3 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 #EC14F3 looks like.

```
.text, #text, p{  
    color:#EC14F3  
}
```

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 #EC14F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC14F3
}
```

Border

The CSS property to change the border of an element to Hex EC14F3 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
#EC14F3 }
```

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

```
.border{ border-color:#EC14F3 }
```

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

Here you see how a box with a 4 pixel #EC14F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC14F3; -webkit-box-shadow:4px 4px  
4px 4px #EC14F3; box-shadow:4px 4px 4px  
4px #EC14F3 }
```

Background

The CSS property to change the background color of an element to Hex EC14F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC14F3 }
```

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

```
.background{ background-color:#EC14F3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor