

Converting Colors

Hex(EB14E0)

Have a look what the booklet for
Hex(EB14E0) contains.

Hex(EB14E0)	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(**EB14E0**)

Conversions

Conversions Part 1

Format	Color
Hex	EB14E0
RGB	235, 20, 224
RGB Percent	92%, 8%, 88%
CMY	0.0784, 0.9216, 0.1216
CMYK	0.00, 0.91, 0.05, 0.08
HSL	303°, 84%, 50%
HSV	303°, 91%, 92%
XYZ	47.9657, 23.5443, 72.5374
YIQ	107.5410, 62.6560, 109.0240

Conversions

Conversions Part 2

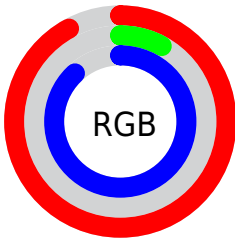
Format	Color
R _{YB}	235, 20, 224
Decimal	15406304
CIE Lab	55.63, 89.33, -51.18
CIE LCh	56, 102.954, 330.192
Yxy	23.5443, 0.3330, 0.1634
Android (android.graphics.Color)	4293596384 (0xFFEB14E0)
YUV	107.5410, 57.4143, 111.7815
Hunter-Lab	48.5225, 91.5373, -54.6684

Details

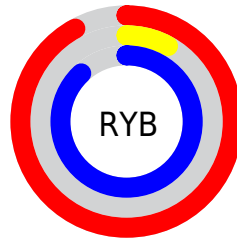
The Hex color **EB14E0** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **14EB1F**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF68FF**, and **AE00A8** is the 20% darker color. If you saturate the color by 10%, you get **EB00DF**, and if you desaturate by 10%, it is **EB2CE1**.

Distribution



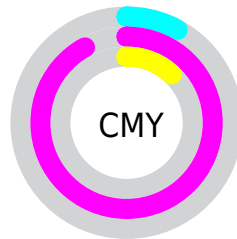
- Red (92%)
- Green (8%)
- Blue (88%)



- Red (92%)
- Yellow (8%)
- Blue (88%)



- Cyan (0%)
- Magenta (91%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (92%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB14E0 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 EB14E0 by changing the saturation by 10% instead.

 EB14E0

 EB14E0

FFFFFF

 CC00C4

 FF68FF

 AE00A8

 FF88FF

 91008D

 FFA7FF

 730073

 FFC5FF

 560059

 FFE4FF

 3A0041

 1B002A

 000114

 000000

 EB14E0

 EB14E0

 EB00DF

 EB2CE1

 EB43E2

 EB5BE4

 EB72E5

 EB8AE6

 EBA1E7

 EBB9E8

 EBD0EA

 EBE8EB

Harmonies

Analogous

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



696CFF



EB14E0



FF0089

Triad

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



EB14E0



A28300



00A8DE

Complementary

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



EB14E0



14EB1F

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.



00A784



EB14E0



429900

Square

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



EB14E0



E55800



00A31B



00A4FF

Rectangle

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



EB14E0



FF004F



00A31B



00A8C1

Sweetspot

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



EB14E0



FFBAFB



1F14EB



80577D



000000



808080

Same Dimension

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



EB14E0



FF00F2



EB1475



756A75



B500AC



360033

Inverse Universe

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



EB14E0



FF00F2



14EB8A



756A75



B500AC



360033

Previews

White Background



This preview shows how the Hex color EB14E0 looks on a white background.

Color Contrast Check

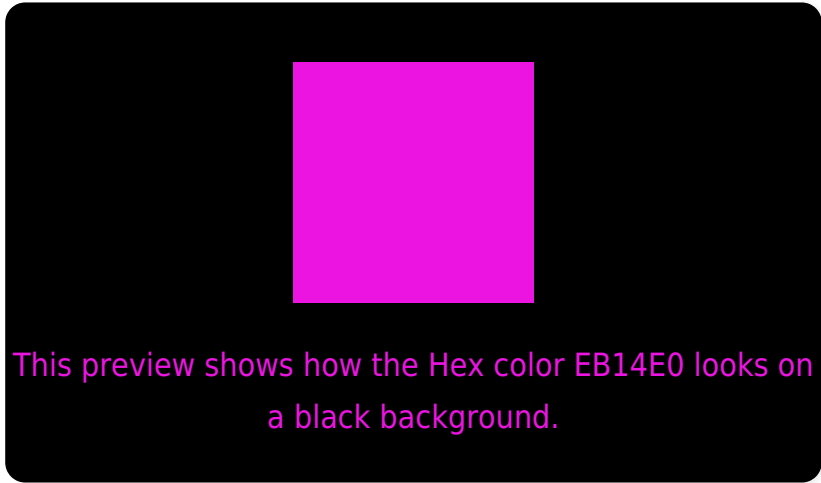
Large Text (above 18pt) WCAG AA ✓ Pass

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

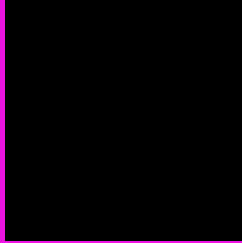
Any Text WCAG AA ✓ Pass

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 EB14E0 Background



This preview shows how black text looks on a background with the Hex color EB14E0.

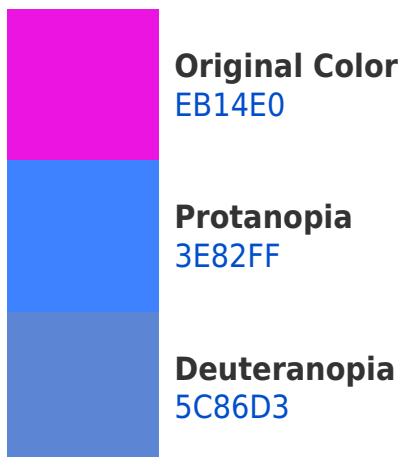


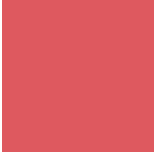
This preview shows how white text looks on a background with the Hex color EB14E0.

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
DE595F

Trichromacy



Original Color
EB14E0



Protanomaly
7D5AF4



Deuteranomaly
905DD8



Tritanomaly
E3408E

Monochromacy



Original Color
EB14E0



Achromatopsia
6C6C6C



Achromatomaly
9A4C96

CSS Examples

Text

The CSS property to change the color of the text to Hex EB14E0 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 #EB14E0 looks like.

```
.text, #text, p{  
    color:#EB14E0  
}
```

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 #EB14E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB14E0
}
```

Border

The CSS property to change the border of an element to Hex EB14E0 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
#EB14E0 }
```

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

```
.border{ border-color:#EB14E0 }
```

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

Here you see how a box with a 4 pixel #EB14E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB14E0; -webkit-box-shadow:4px 4px  
4px 4px #EB14E0; box-shadow:4px 4px 4px  
4px #EB14E0 }
```

Background

The CSS property to change the background color of an element to Hex EB14E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB14E0 }
```

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

```
.background{ background-color:#EB14E0 }
```

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