

Converting Colors

Hex(EE4DEB)

Have a look what the booklet for
Hex(EF4DEB) contains.

Hex(EF4DEB)	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(EE4DEB)

Conversions

Conversions Part 1

Format	Color
Hex	EE4DEB
RGB	238, 77, 235
RGB Percent	93%, 30%, 92%
CMY	0.0667, 0.6980, 0.0784
CMYK	0.00, 0.68, 0.01, 0.07
HSL	301°, 83%, 62%
HSV	301°, 68%, 93%
XYZ	52.9092, 29.4831, 81.4994
YIQ	143.1510, 45.2380, 83.2700

Conversions

Conversions Part 2

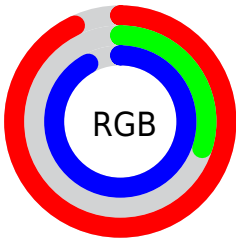
Format	Color
R _Y B	238, 77, 235
Decimal	15617515
CIE Lab	61.21, 78.53, -48.48
CIE LCh	61, 92.284, 328.311
Yxy	29.4831, 0.3228, 0.1799
Android (android.graphics.Color)	4293807595 (0xFFEE4DEB)
YUV	143.1510, 45.2816, 83.1826
Hunter-Lab	54.2983, 78.9113, -50.9830

Details

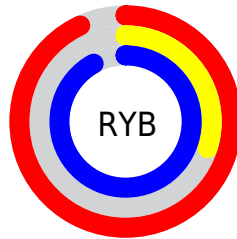
The Hex color **EE4DEB** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **4DEE50**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FF8AFF**, and **B200B3** is the 20% darker color. If you saturate the color by 10%, you get **EE35EB**, and if you desaturate by 10%, it is **EE65EB**.

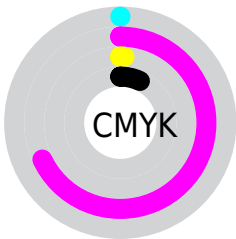
Distribution



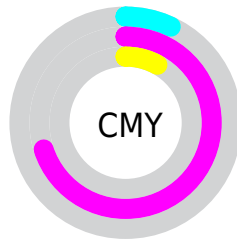
- Red (93%)
- Green (30%)
- Blue (92%)



- Red (93%)
- Yellow (30%)
- Blue (92%)



- Cyan (0%)
- Magenta (68%)
- Yellow (1%)
- Black (7%)



- Cyan (7%)
- Magenta (70%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color EE4DEB 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 EE4DEB by changing the saturation by 10% instead.

 EE4DEB

 EE4DEB

FFFFFF

 D029CE

 FF8AFF

 B200B3

 FFA7FF

 950097

 FFC5FF

 78007D

 FFE3FF

 5C0063

 41004B

 230033

 00021D

 000000

 EE4DEB

 EE4DEB

 EE35EB

 EE65EB

 EE1DEA

 EE7DEC

 EE06EA

 EE94EC

 EE00EA

 EEACED

 EEC4ED

 EEDCEE

 EEF4EE

 EEFFEF

Harmonies

Analogous

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



7A80FF



EE4DEB



FF059C

Triad

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



EE4DEB



B78F00



00B6E0

Complementary

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



EE4DEB



4DEE50

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.



00B58D



EE4DEB



66A500

Square

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



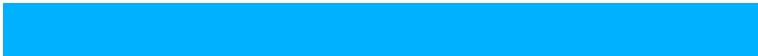
EE4DEB



F46B00



00B034



00B1FF

Rectangle

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



EE4DEB



FF1D66



00B034



00B6C5

Sweetspot

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



EE4DEB



FFCCFE



504DEE



80617F



000000



808080

Same Dimension

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



EE4DEB



FF30FB



EE4D9B



786C78



B800B4



380037

Inverse Universe

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



EE4DEB



FF30FB



4DEEA0



786C78



B800B4



380037

Previews

White Background



This preview shows how the Hex color EE4DEB 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

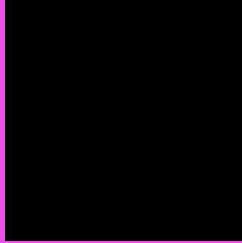
Any Text WCAG AA ✓ Pass

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 EE4DEB Background



This preview shows how black text looks on a background with the Hex color EE4DEB.

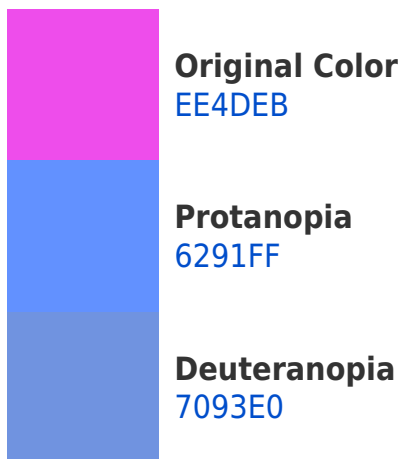


This preview shows how white text looks on a background with the Hex color EE4DEB.

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
E17179

Trichromacy



Original Color
EE4DEB



Protanomaly
9578F8



Deuteranomaly
9E7AE4

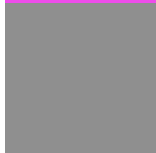


Tritanomaly
E664A2

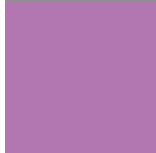
Monochromacy



Original Color
EE4DEB



Achromatopsia
8F8F8F



Achromatomaly
B277B0

CSS Examples

Text

The CSS property to change the color of the text to Hex EE4DEB 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 #EE4DEB looks like.

```
.text, #text, p{  
    color:#EE4DEB  
}
```

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 #EE4DEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE4DEB
}
```

Border

The CSS property to change the border of an element to Hex EE4DEB 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
#EE4DEB }
```

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

```
.border{ border-color:#EE4DEB }
```

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

Here you see how a box with a 4 pixel #EE4DEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE4DEB; -webkit-box-shadow:4px 4px  
4px 4px #EE4DEB; box-shadow:4px 4px 4px  
4px #EE4DEB }
```

Background

The CSS property to change the background color of an element to Hex EE4DEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE4DEB }
```

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

```
.background{ background-color:#EE4DEB }
```

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