

Converting Colors

Hex(E609EB)

Have a look what the booklet for
Hex(E609EB) contains.

Hex(E609EB)	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(E609EB)

Conversions

Conversions Part 1

Format	Color
Hex	E609EB
RGB	230, 9, 235
RGB Percent	90%, 4%, 92%
CMY	0.0980, 0.9647, 0.0784
CMYK	0.02, 0.96, 0.00, 0.08
HSL	299°, 93%, 48%
HSV	299°, 96%, 92%
XYZ	47.7262, 23.0165, 80.5244
YIQ	100.8430, 59.1700, 117.1380

Conversions

Conversions Part 2

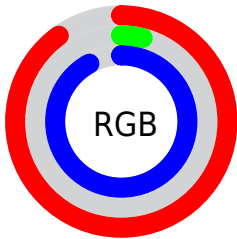
Format	Color
R _Y B	230, 9, 235
Decimal	15075819
CIE Lab	55.09, 90.99, -58.30
CIE LCh	55, 108.067, 327.354
Yxy	23.0165, 0.3155, 0.1522
Android (android.graphics.Color)	4293265899 (0xFFE609EB)
YUV	100.8430, 66.1394, 113.2707
Hunter-Lab	47.9755, 93.6151, -65.9323

Details

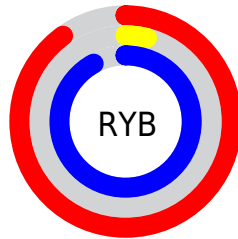
The Hex color **E609EB** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **0EEB09**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF65FF**, and **A900B2** is the 20% darker color. If you saturate the color by 10%, you get **E600EB**, and if you desaturate by 10%, it is **E720EB**.

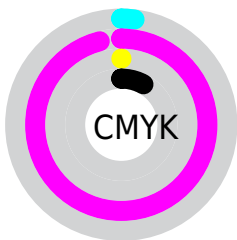
Distribution



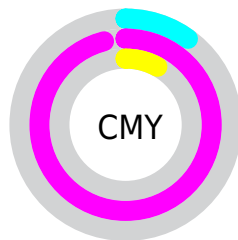
- Red (90%)
- Green (4%)
- Blue (92%)



- Red (90%)
- Yellow (4%)
- Blue (92%)



- Cyan (2%)
- Magenta (96%)
- Yellow (0%)
- Black (8%)



- Cyan (10%)
- Magenta (96%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color E609EB 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 E609EB by changing the saturation by 10% instead.

 E609EB

 E609EB

FFFFFF

 C700CE

 FF65FF

 A900B2

 FF85FF

 8C0097

 FFA4FF

 6E007C

 FFC3FF

 510062

 FFE2FF

 34004A

 130032

 00011C

 000000

 E609EB

 E609EB

 E600EB

 E720EB

 E738EB

 E84FEB

 E867EB

 E97EEB

 E996EB

 EAADEB

 EAC5EB

 EBDCEB

Harmonies

Analogous

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



3F6FFF



E609EB



FF0091

Triad

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



E609EB



A87E00



00A8D9

Complementary

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



E609EB



0EEB09

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.



00A679



E609EB



479600

Square

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



E609EB



EC4D00



00A200



00A5FF

Rectangle

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



E609EB



FF0054



00A200



00A8BA

Sweetspot

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



E609EB



FDB5FF



0911EB



7F5380



000000



808080

Same Dimension

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



E609EB



F900FF



EB0982



756A75



B100B5



340036

Inverse Universe

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



EB090E



FF0006



09EB72



756A6A



B50004



360001

Previews

White Background



This preview shows how the Hex color E609EB looks on a white background.

Color Contrast Check

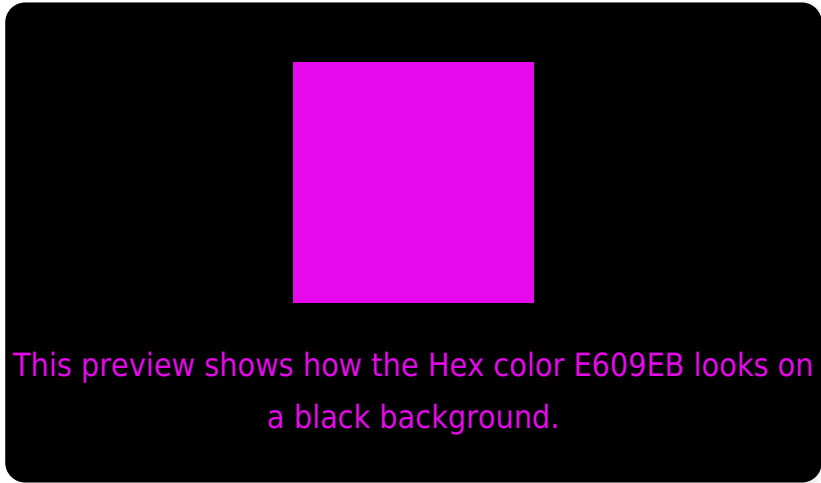
Large Text (above 18pt) WCAG AA ✓ Pass

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

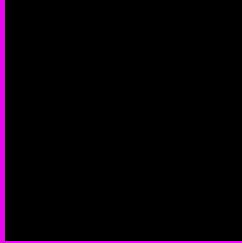
Any Text WCAG AA ✓ Pass

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 E609EB Background



This preview shows how black text looks on a background with the Hex color E609EB.




This preview shows how white text looks on a background with the Hex color E609EB.

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
D75C63

Trichromacy



Original Color
E609EB



Protanomaly
7855F8



Deuteranomaly
8359E2



Tritanomaly
DC3E94

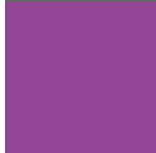
Monochromacy



Original Color
E609EB



Achromatopsia
656565



Achromatomaly
944496

CSS Examples

Text

The CSS property to change the color of the text to Hex E609EB 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 #E609EB looks like.

```
.text, #text, p{  
    color:#E609EB  
}
```

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 #E609EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E609EB
}
```

Border

The CSS property to change the border of an element to Hex E609EB 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
#E609EB }
```

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

```
.border{ border-color:#E609EB }
```

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

Here you see how a box with a 4 pixel #E609EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E609EB; -webkit-box-shadow:4px 4px  
4px 4px #E609EB; box-shadow:4px 4px 4px  
4px #E609EB }
```

Background

The CSS property to change the background color of an element to Hex E609EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E609EB }
```

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

```
.background{ background-color:#E609EB }
```

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