

Converting Colors

Hex(E075EB)

Have a look what the booklet for
Hex(E075EB) contains.

Hex(E075EB)	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(E075EB)

Conversions

Conversions Part 1

Format	Color
Hex	E075EB
RGB	224, 117, 235
RGB Percent	88%, 46%, 92%
CMY	0.1216, 0.5412, 0.0784
CMYK	0.05, 0.50, 0.00, 0.08
HSL	294°, 75%, 69%
HSV	294°, 50%, 92%
XYZ	52.0972, 34.5680, 82.5237
YIQ	162.4450, 25.8940, 59.3820

Conversions

Conversions Part 2

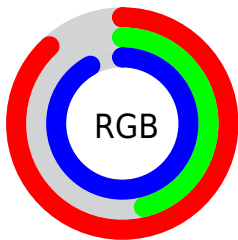
Format	Color
R_{YB}	224, 117, 235
Decimal	14710251
CIE _{Lab}	65.41, 58.28, -41.99
CIE _{LCh}	65, 71.832, 324.233
Yxy	34.5680, 0.3079, 0.2043
Android (android.graphics.Color)	4292900331 (0xFFE075EB)
YUV	162.4450, 35.7696, 53.9837
Hunter-Lab	58.7946, 55.2761, -42.0629

Details

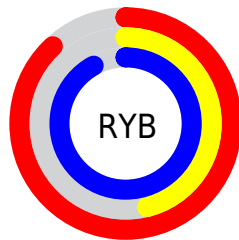
The Hex color **E075EB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **80EB75**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFACFF**, and **A63EB3** is the 20% darker color. If you saturate the color by 10%, you get **DE5EEB**, and if you desaturate by 10%, it is **E28DEB**.

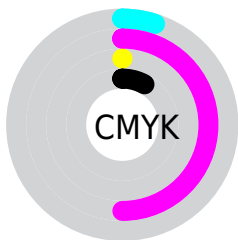
Distribution



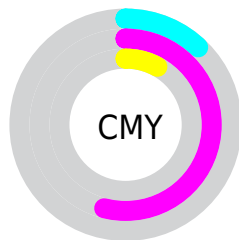
- Red (88%)
- Green (46%)
- Blue (92%)



- Red (88%)
- Yellow (46%)
- Blue (92%)



- Cyan (5%)
- Magenta (50%)
- Yellow (0%)
- Black (8%)



- Cyan (12%)
- Magenta (54%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color E075EB 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 E075EB by changing the saturation by 10% instead.

 E075EB

 E075EB

FFFFFF

 C35ACF

 FFACFF

 A63EB3

 FFC9FF

 8A2098

 FFE6FF

 6F007D

 540064

 39004B

 200034

 00021D

 000000

 E075EB

 E075EB

 DE5EEB

 E28DEB

 DC46EB

 E4A4EB

 D92FEB

 E7BBEB

 D717EB

 E9D3EB

 D500EB

 EBEBEB

 EDFFEb

 EFFFEB

 F2FFEb

 F4FFEb

Harmonies

Analogous

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



8593FF



E075EB



FF5EAE

Triad

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



E075EB



C89800



00BCD2

Complementary

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



E075EB



80EB75

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.



00BC90



E075EB



8BAB0D

Square

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



E075EB



F67D34



28B64E



00B7FF

Rectangle

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



E075EB



FF5E83



28B64E



00BDBD

Sweetspot

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



E075EB



FBD9FF



7581EB



7D6980



000000



808080

Same Dimension

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



E075EB



F166FF



EB75BC



746A75



A400B5



310036

Inverse Universe

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



EB7580



FF6674



75EBA4



756A6B



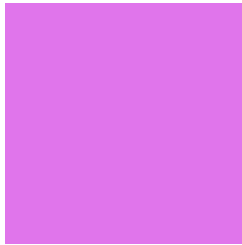
B50011



360005

Previews

White Background



This preview shows how the Hex color E075EB looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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

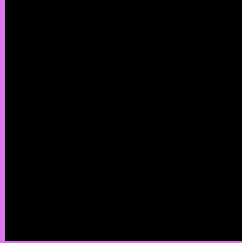
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E075EB Background



This preview shows how black text looks on a background with the Hex color E075EB.

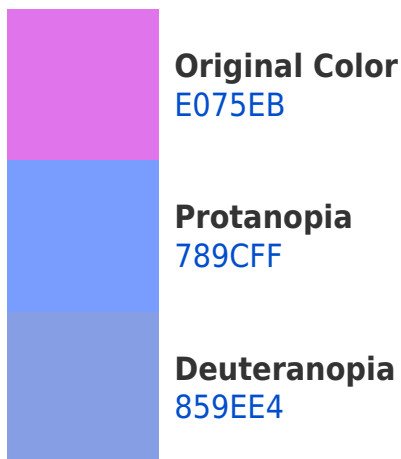



This preview shows how white text looks on a background with the Hex color E075EB.

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
D58A94

Trichromacy



Original Color
E075EB



Protanomaly
9E8EF8



Deuteranomaly
A68FE7



Tritanomaly
D982B4

Monochromacy



Original Color
E075EB



Achromatopsia
A2A2A2



Achromatomaly
B992BD

CSS Examples

Text

The CSS property to change the color of the text to Hex E075EB 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 #E075EB looks like.

```
.text, #text, p{  
    color:#E075EB  
}
```

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 #E075EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E075EB
}
```

Border

The CSS property to change the border of an element to Hex E075EB is called "border". The border property can be set on classes, ids or directly on the HTML element.

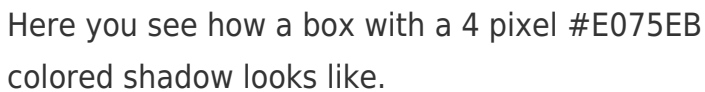
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E075EB }
```

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

```
.border{ border-color:#E075EB }
```

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



Here you see how a box with a 4 pixel #E075EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E075EB; -webkit-box-shadow:4px 4px  
4px 4px #E075EB; box-shadow:4px 4px 4px  
4px #E075EB }
```

Background

The CSS property to change the background color of an element to Hex E075EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E075EB }
```

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

```
.background{ background-color:#E075EB }
```

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