

Converting Colors

Hex(E900CB)

Have a look what the booklet for
Hex(E900CB) contains.

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Color

Hex(E900CB)

Conversions

Conversions Part 1

Format	Color
Hex	E900CB
RGB	233, 0, 203
RGB Percent	91%, 0%, 80%
CMY	0.0863, 1.0000, 0.2039
CMYK	0.00, 1.00, 0.13, 0.09
HSL	308°, 100%, 46%
HSV	308°, 100%, 91%
XYZ	44.3838, 21.6354, 58.3367
YIQ	92.8090, 73.7050, 112.5290

Conversions

Conversions Part 2

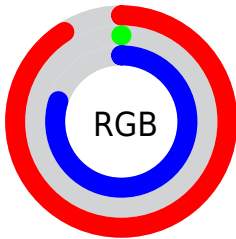
Format	Color
R_{YB}	233, 0, 203
Decimal	15270091
CIE _{Lab}	53.64, 87.75, -42.37
CIE _{LCh}	54, 97.442, 334.224
Yxy	21.6354, 0.3569, 0.1740
Android (android.graphics.Color)	4293460171 (0xFFE900CB)
YUV	92.8090, 54.3242, 122.9475
Hunter-Lab	46.5139, 88.9261, -41.8004

Details

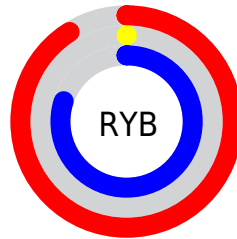
The Hex color **E900CB** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed magenta. A complement of this color would be **00E91E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF63FF**, and **AC0094** is the 20% darker color. If you saturate the color by 10%, you get **E900CB**, and if you desaturate by 10%, it is **E917CE**.

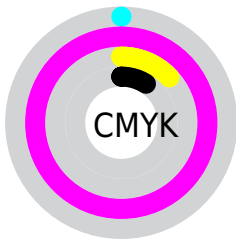
Distribution



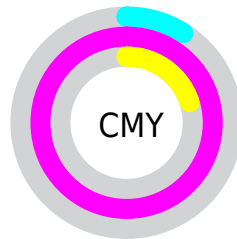
- Red (91%)
- Green (0%)
- Blue (80%)



- Red (91%)
- Yellow (0%)
- Blue (80%)



- Cyan (0%)
- Magenta (100%)
- Yellow (13%)
- Black (9%)



- Cyan (9%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color E900CB 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 E900CB by changing the saturation by 10% instead.

 E900CB

 E900CB

FFFFFF

 CA00AF


 FF63FF

 AC0094

 FF82FF

 8F007A

 FFA1FF

 710061

 FFC0FF

 550048

 FFDEFF

 380031

 FFFDFF

 17001B

 000000

 E900CB

 E917CE

 E92FD1

 E946D4

 E95DD7

 E975DA

 E98CDD

 E9A3E0

 E9BAE3

 E9D2E6

Harmonies

Analogous

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



8262FF



E900CB



FF0078

Triad

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



E900CB



928100



00A1DE

Complementary

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



E900CB



00E91E

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.



00A18A



E900CB



2E9400

Square

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



E900CB



D45D00



009D2E



009CFF

Rectangle

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



E900CB



FF0042



009D2E



00A2C4

Sweetspot

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



E900CB



FFB3F5



1B00E9



80527A



000000



808080

Same Dimension

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



E900CB



FF00DE



E90059



756A74



B5009E



36002F

Inverse Universe

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



E900CB



FF00DE



00E990



756A74



B5009E



36002F

Previews

White Background



This preview shows how the Hex color E900CB looks on a white background.

Color Contrast Check

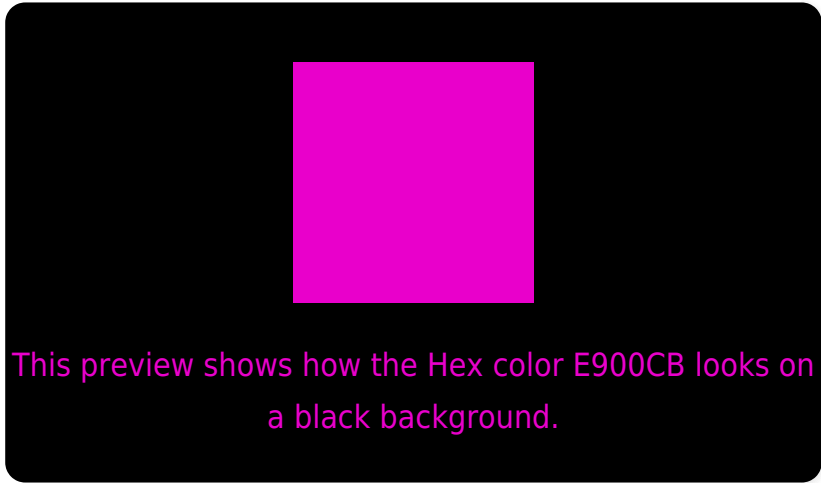
Large Text (above 18pt) WCAG AA ✓ Pass

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 E900CB Background



This preview shows how black text looks on a background with the Hex color E900CB.



This preview shows how white text looks on a background with the Hex color E900CB.

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
E900CB



Protanomaly
7350EC



Deuteranomaly
9752C3



Tritanomaly
E23380

Monochromacy



Original Color
E900CB



Achromatopsia
5D5D5D



Achromatomaly
903B85

CSS Examples

Text

The CSS property to change the color of the text to Hex E900CB 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 #E900CB looks like.

```
.text, #text, p{  
    color:#E900CB  
}
```

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 #E900CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E900CB
}
```

Border

The CSS property to change the border of an element to Hex E900CB 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
#E900CB }
```

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

```
.border{ border-color:#E900CB }
```

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

Here you see how a box with a 4 pixel #E900CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E900CB; -webkit-box-shadow:4px 4px  
4px 4px #E900CB; box-shadow:4px 4px 4px  
4px #E900CB }
```

Background

The CSS property to change the background color of an element to Hex E900CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E900CB }
```

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

```
.background{ background-color:#E900CB }
```

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](#).

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