

Converting Colors

Hex(EA00C5)

Have a look what the booklet for
Hex(EA00C5) contains.

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Color

Hex(EA00C5)

Conversions

Conversions Part 1

Format	Color
Hex	EA00C5
RGB	234, 0, 197
RGB Percent	92%, 0%, 77%
CMY	0.0824, 1.0000, 0.2275
CMYK	0.00, 1.00, 0.16, 0.08
HSL	309°, 100%, 46%
HSV	309°, 100%, 92%
XYZ	44.0097, 21.5236, 54.6582
YIQ	92.4240, 76.2270, 110.8750

Conversions

Conversions Part 2

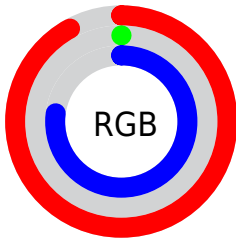
Format	Color
RYB	234, 0, 197
Decimal	15335621
CIELab	53.52, 87.17, -39.09
CIElCh	54, 95.536, 335.846
Yxy	21.5236, 0.3662, 0.1791
Android (android.graphics.Color)	4293525701 (0xFFEA00C5)
YUV	92.4240, 51.5560, 124.1622
Hunter-Lab	46.3936, 88.1393, -37.3765

Details

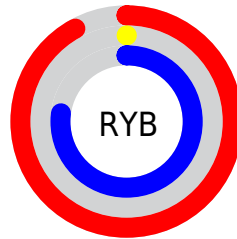
The Hex color **EA00C5** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed magenta. A complement of this color would be **00EA25**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF62FE**, and **AD008F** is the 20% darker color. If you saturate the color by 10%, you get **EA00C5**, and if you desaturate by 10%, it is **EA17C9**.

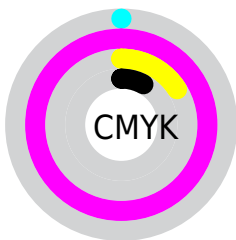
Distribution



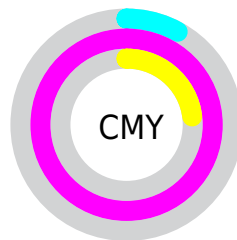
- Red (92%)
- Green (0%)
- Blue (77%)



- Red (92%)
- Yellow (0%)
- Blue (77%)



- Cyan (0%)
- Magenta (100%)
- Yellow (16%)
- Black (8%)



- Cyan (8%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA00C5 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 EA00C5 by changing the saturation by 10% instead.

 EA00C5

 EA00C5

FFFFFF

 CB00A9

 FF62FE

 AD008F

 FF82FF

 8F0075

 FFA1FF

 72005B

 FFC0FF

 550043

 FFDEFF

 39002C

 FFFDFF

 180016

 000000

 EA00C5

 EA17C9

 EA2FCC

 EA46D0

 EA5ED4

 EA75D7

 EA8CDB

 EAA4DF

 EABBE3

 EAD3E6

Harmonies

Analogous

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



8A60FF



EA00C5



FF0074

Triad

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



EA00C5



8E8200



00A0E0

Complementary

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



EA00C5



00EA25

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.



00A08F



EA00C5



279400

Square

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



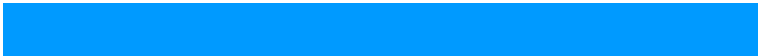
EA00C5



CF6000



009D35



009AFF

Rectangle

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



EA00C5



FF003F



009D35



00A1C6

Sweetspot

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



EA00C5



FFB3F3



2300EA



805278



000000



808080

Same Dimension

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



EA00C5



FF00D7



EA0052



756A73



B50098



36002D

Inverse Universe

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



EA00C5



FF00D7



00EA98



756A73



B50098



36002D

Previews

White Background



This preview shows how the Hex color EA00C5 looks on a white background.

Color Contrast Check

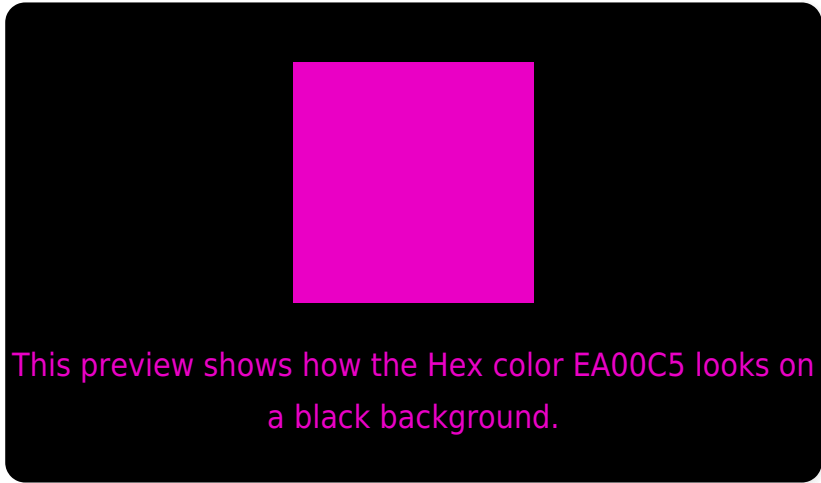
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA00C5 Background



This preview shows how black text looks on a background with the Hex color EA00C5.



This preview shows how white text looks on a background with the Hex color EA00C5.

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
E04E52

Trichromacy



Original Color
EA00C5



Protanomaly
7250EA



Deuteranomaly
9A51BD



Tritanomaly
E4327C

Monochromacy



Original Color
EA00C5



Achromatopsia
5C5C5C



Achromatomaly
903B82

CSS Examples

Text

The CSS property to change the color of the text to Hex EA00C5 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 #EA00C5 looks like.

```
.text, #text, p{  
    color:#EA00C5  
}
```

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 #EA00C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA00C5
}
```

Border

The CSS property to change the border of an element to Hex EA00C5 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
#EA00C5 }
```

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

```
.border{ border-color:#EA00C5 }
```

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

Here you see how a box with a 4 pixel #EA00C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA00C5; -webkit-box-shadow:4px 4px  
4px 4px #EA00C5; box-shadow:4px 4px 4px  
4px #EA00C5 }
```

Background

The CSS property to change the background color of an element to Hex EA00C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA00C5 }
```

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

```
.background{ background-color:#EA00C5 }
```

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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