

Converting Colors

Hex(E200A9)

Have a look what the booklet for
Hex(E200A9) contains.

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Color

Hex(E200A9)

Conversions

Conversions Part 1

Format	Color
Hex	E200A9
RGB	226, 0, 169
RGB Percent	89%, 0%, 66%
CMY	0.1137, 1.0000, 0.3373
CMYK	0.00, 1.00, 0.25, 0.11
HSL	315°, 100%, 44%
HSV	315°, 100%, 89%
XYZ	38.5255, 19.0333, 39.1794
YIQ	86.8400, 80.4470, 100.4710

Conversions

Conversions Part 2

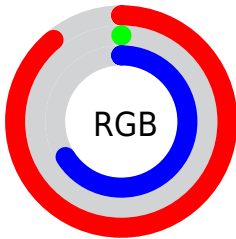
Format	Color
R_{YB}	226, 0, 169
Decimal	14811305
CIE _{Lab}	50.73, 82.42, -27.21
CIE _{LCh}	51, 86.795, 341.731
Yxy	19.0333, 0.3982, 0.1968
Android (android.graphics.Color)	4293001385 (0xFFE200A9)
YUV	86.8400, 40.5049, 122.0433
Hunter-Lab	43.6272, 81.2787, -22.7063

Details

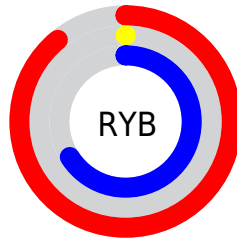
The Hex color **E200A9** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **00E239**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF5FE0**, and **A50075** is the 20% darker color. If you saturate the color by 10%, you get **E200A9**, and if you desaturate by 10%, it is **E217AF**.

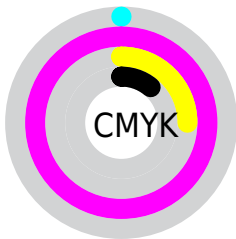
Distribution



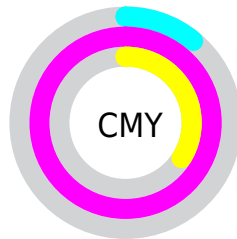
- Red (89%)
- Green (0%)
- Blue (66%)



- Red (89%)
- Yellow (0%)
- Blue (66%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)
- Black (11%)



- Cyan (11%)
- Magenta (100%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color E200A9 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 E200A9 by changing the saturation by 10% instead.

 E200A9

 E200A9

FFFFFF

 C3008E

 FF5FE0

 A50075

 FF7FFD

 88005C

 FF9DFF

 6A0044

 FFBBFF

 4F002D

 FFDAFF

 310018

 FFF8FF

 000000

 E200A9

 E217AF

 E22DB4

 E244BA

 E25AC0

 E271C6

 E288CB

 E29ED1

 E2B5D7

 E2CBDC

Harmonies

Analogous

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



9B53E9



E200A9



F60060

Triad

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



E200A9



797F00



0096DB

Complementary

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



E200A9



00E239

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.



009795



E200A9



008D00

Square

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



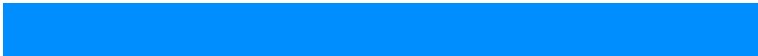
E200A9



B76400



009447



008EFF

Rectangle

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



E200A9



ED1B30



009447



0097C6

Sweetspot

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



E200A9



FFB3EC



3900E2



805274



000000



808080

Same Dimension

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



E200A9



FF00BF



E20039



70656D



B00084



300024

Inverse Universe

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



E200A9



FF00BF



00E2AA



70656D



B00084



300024

Previews

White Background



This preview shows how the Hex color E200A9 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 E200A9 Background



This preview shows how black text looks on a background with the Hex color E200A9.



This preview shows how white text looks on a background with the Hex color E200A9.

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
E200A9



Protanomaly
714CD6



Deuteranomaly
9B4CA2



Tritanomaly
DE2B6A

Monochromacy



Original Color
E200A9



Achromatopsia
575757



Achromatomaly
8A3775

CSS Examples

Text

The CSS property to change the color of the text to Hex E200A9 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 #E200A9 looks like.

```
.text, #text, p{  
    color:#E200A9  
}
```

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 #E200A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E200A9
}
```

Border

The CSS property to change the border of an element to Hex E200A9 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
#E200A9 }
```

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

```
.border{ border-color:#E200A9 }
```

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

Here you see how a box with a 4 pixel #E200A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E200A9; -webkit-box-shadow:4px 4px  
4px 4px #E200A9; box-shadow:4px 4px 4px  
4px #E200A9 }
```

Background

The CSS property to change the background color of an element to Hex E200A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E200A9 }
```

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

```
.background{ background-color:#E200A9 }
```

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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