

Converting Colors

Hex(E800AC)

Have a look what the booklet for
Hex(E800AC) contains.

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Color

Hex(E800AC)

Conversions

Conversions Part 1

Format	Color
Hex	E800AC
RGB	232, 0, 172
RGB Percent	91%, 0%, 67%
CMY	0.0902, 1.0000, 0.3255
CMYK	0.00, 1.00, 0.26, 0.09
HSL	316°, 100%, 45%
HSV	316°, 100%, 91%
XYZ	40.7251, 20.1344, 40.7696
YIQ	88.9760, 83.0600, 102.6760

Conversions

Conversions Part 2

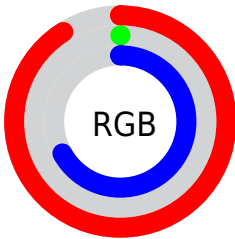
Format	Color
R_{YB}	232, 0, 172
Decimal	15204524
CIE _{Lab}	51.99, 83.89, -26.93
CIE _{LCh}	52, 88.106, 342.202
Yxy	20.1344, 0.4007, 0.1981
Android (android.graphics.Color)	4293394604 (0xFFE800AC)
YUV	88.9760, 40.9308, 125.4320
Hunter-Lab	44.8713, 83.4813, -22.4603

Details

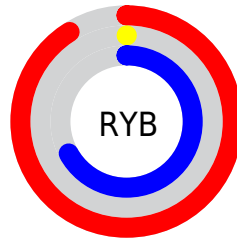
The Hex color **E800AC** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **00E83C**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF61E4**, and **AB0077** is the 20% darker color. If you saturate the color by 10%, you get **E800AC**, and if you desaturate by 10%, it is **E817B2**.

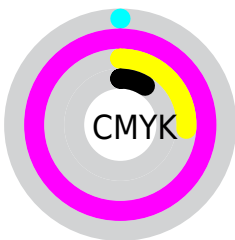
Distribution



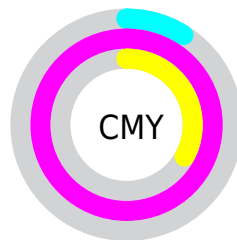
- Red (91%)
- Green (0%)
- Blue (67%)



- Red (91%)
- Yellow (0%)
- Blue (67%)



- Cyan (0%)
- Magenta (100%)
- Yellow (26%)
- Black (9%)



- Cyan (9%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color E800AC 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 E800AC by changing the saturation by 10% instead.

 E800AC

 E800AC

FFFFFF

 C90091

 FF61E4

 AB0077

 FF80FF

 8D005E

 FF9FFF

 6F0046

 FFBDFE

 530030

 FFDCEB

 36001A

 FFFAEE

 0F0000

 000000

 E800AC

 E817B2

 E82EB8

 E846BE

 E85DC4

 E874CA

 E88BD0

 E8A2D6

 E8BADC

 E8D1E2

Harmonies

Analogous

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



A155EE



E800AC



FB0061

Triad

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



E800AC



7B8300



009AE1

Complementary

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



E800AC



00E83C

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.



009B9A



E800AC



009100

Square

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



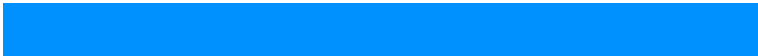
E800AC



BB6700



00984A



0091FF

Rectangle

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



E800AC



F21F30



00984A



009BCB

Sweetspot

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



E800AC



FFB3EB



3A00E8



805274



000000



808080

Same Dimension

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



E800AC



FF00BD



E8003A



736770



B30084



330026

Inverse Universe

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



E800AC



FF00BD



00E8AE



736770



B30084



330026

Previews

White Background



This preview shows how the Hex color E800AC looks on a white background.

Color Contrast Check

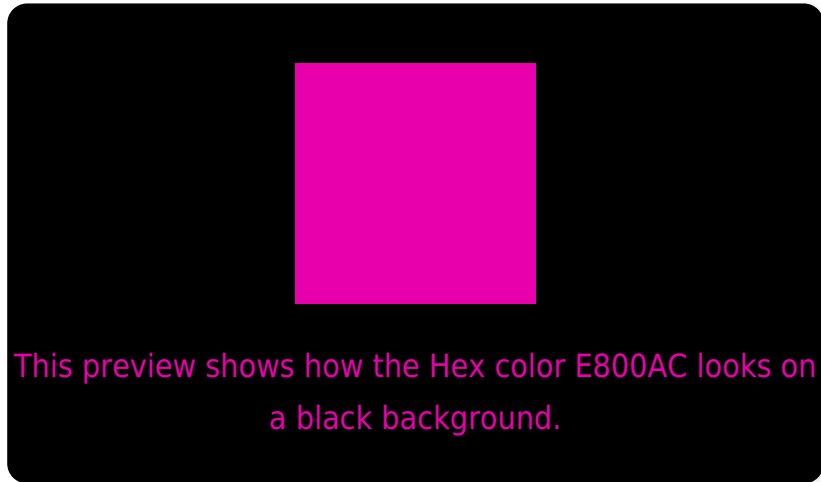
Large Text (above 18pt) WCAG AA ✓ Pass

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 E800AC Background



This preview shows how black text looks on a background with the Hex color E800AC.

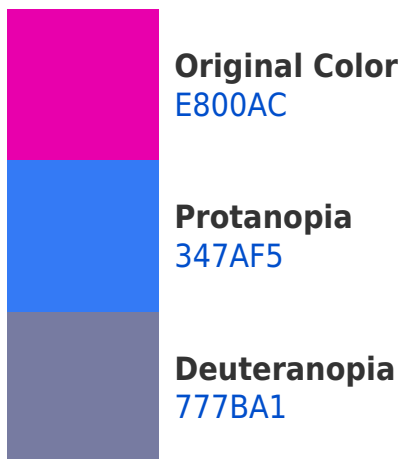


This preview shows how white text looks on a background with the Hex color E800AC.

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
E04447

Trichromacy



Original Color
E800AC



Protanomaly
754EDA



Deuteranomaly
A04EA5



Tritanomaly
E32B6C

Monochromacy



Original Color
E800AC



Achromatopsia
595959



Achromatomaly
8D3977

CSS Examples

Text

The CSS property to change the color of the text to Hex E800AC 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 #E800AC looks like.

```
.text, #text, p{  
    color:#E800AC  
}
```

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 #E800AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E800AC
}
```

Border

The CSS property to change the border of an element to Hex E800AC 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
#E800AC }
```

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

```
.border{ border-color:#E800AC }
```

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

Here you see how a box with a 4 pixel #E800AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E800AC; -webkit-box-shadow:4px 4px  
4px 4px #E800AC; box-shadow:4px 4px 4px  
4px #E800AC }
```

Background

The CSS property to change the background color of an element to Hex E800AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E800AC }
```

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

```
.background{ background-color:#E800AC }
```

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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