

Converting Colors

Hex(E80CD4)

Have a look what the booklet for
Hex(E80CD4) contains.

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Color

Hex(E80CD4)

Conversions

Conversions Part 1

Format	Color
Hex	E80CD4
RGB	232, 12, 212
RGB Percent	91%, 5%, 83%
CMY	0.0902, 0.9529, 0.1686
CMYK	0.00, 0.95, 0.09, 0.09
HSL	305°, 90%, 48%
HSV	305°, 95%, 91%
XYZ	45.2938, 22.1722, 64.1798
YIQ	100.5800, 66.9200, 108.8400

Conversions

Conversions Part 2

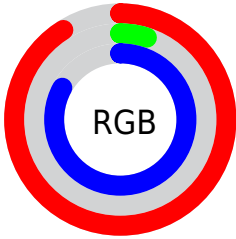
Format	Color
R _{YB}	232, 12, 212
Decimal	15207636
CIE Lab	54.21, 87.92, -46.64
CIE LCh	54, 99.524, 332.054
Yxy	22.1722, 0.3441, 0.1684
Android (android.graphics.Color)	4293397716 (0xFFE80CD4)
YUV	100.5800, 54.9301, 115.2553
Hunter-Lab	47.0874, 89.2981, -47.8507

Details

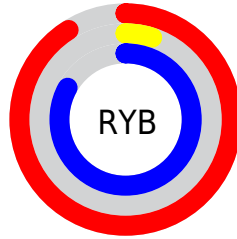
The Hex color **E80CD4** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **0CE820**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF65FF**, and **AB009D** is the 20% darker color. If you saturate the color by 10%, you get **E800D3**, and if you desaturate by 10%, it is **E823D6**.

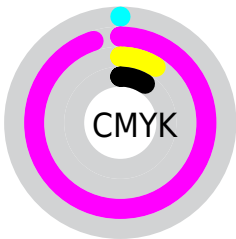
Distribution



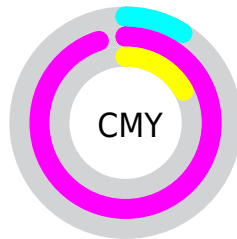
- Red (91%)
- Green (5%)
- Blue (83%)



- Red (91%)
- Yellow (5%)
- Blue (83%)



- Cyan (0%)
- Magenta (95%)
- Yellow (9%)
- Black (9%)



- Cyan (9%)
- Magenta (95%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color E80CD4 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 E80CD4 by changing the saturation by 10% instead.

 E80CD4

 E80CD4

FFFFFF

 CA00B8

 FF65FF

 AB009D

 FF85FF

 8E0082

 FFA4FF

 700068

 FFC2FF

 54004F

 FFE1FF

 370038

 170021

 000005

 000000

 E80CD4

 E80CD4

 E800D3

 E823D6

 E83AD8

 E852DA

 E869DC

 E880DF

 E897E1

 E8AEE3

 E8C6E5

 E8DDE7

Harmonies

Analogous

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



7566FF



E80CD4



FF0080

Triad

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



E80CD4



998100



00A4DC

Complementary

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



E80CD4



0CE820

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.



00A386



E80CD4



389500

Square

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



E80CD4



DB5A00



009F25



009EFF

Rectangle

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



E80CD4



FF0048



009F25



00A4C1

Sweetspot

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



E80CD4



FFB8F9



1E0CE8



80547C



000000



808080

Same Dimension

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



E80CD4



FF00E8



E80C68



736772



B300A2



33002E

Inverse Universe

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



E80CD4



FF00E8



0CE88C



736772



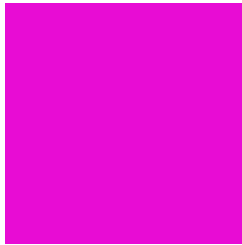
B300A2



33002E

Previews

White Background



This preview shows how the Hex color E80CD4 looks on a white background.

Color Contrast Check

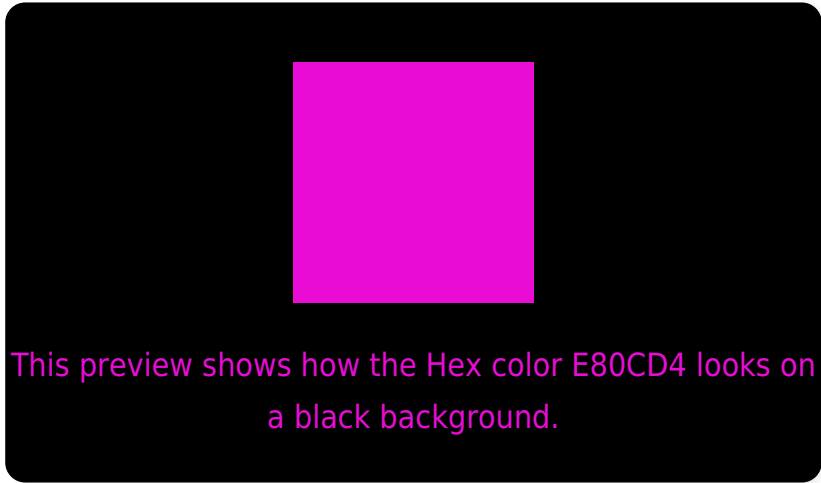
Large Text (above 18pt) WCAG AA ✓ Pass

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

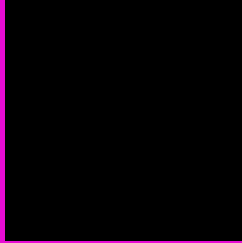
Any Text WCAG AA ✓ Pass

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 E80CD4 Background



This preview shows how black text looks on a background with the Hex color E80CD4.

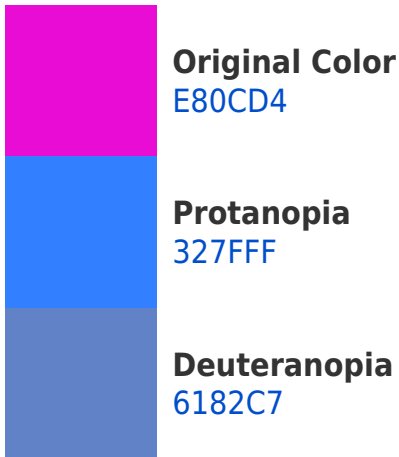


This preview shows how white text looks on a background with the Hex color E80CD4.

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
E80CD4



Protanomaly
7455EF



Deuteranomaly
9257CC



Tritanomaly
E03A86

Monochromacy



Original Color
E80CD4



Achromatopsia
656565



Achromatomaly
95458D

CSS Examples

Text

The CSS property to change the color of the text to Hex E80CD4 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 #E80CD4 looks like.

```
.text, #text, p{  
    color:#E80CD4  
}
```

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 #E80CD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E80CD4
}
```

Border

The CSS property to change the border of an element to Hex E80CD4 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
#E80CD4 }
```

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

```
.border{ border-color:#E80CD4 }
```

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

Here you see how a box with a 4 pixel #E80CD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E80CD4; -webkit-box-shadow:4px 4px  
4px 4px #E80CD4; box-shadow:4px 4px 4px  
4px #E80CD4 }
```

Background

The CSS property to change the background color of an element to Hex E80CD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E80CD4 }
```

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

```
.background{ background-color:#E80CD4 }
```

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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