

Converting Colors

Hex(E805C4)

Have a look what the booklet for
Hex(E805C4) contains.

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Color

Hex(E805C4)

Conversions

Conversions Part 1

Format	Color
Hex	E805C4
RGB	232, 5, 196
RGB Percent	91%, 2%, 77%
CMY	0.0902, 0.9804, 0.2314
CMYK	0.00, 0.98, 0.16, 0.09
HSL	310°, 96%, 46%
HSV	310°, 98%, 91%
XYZ	43.2968, 21.2499, 54.0442
YIQ	94.6470, 73.9810, 107.5250

Conversions

Conversions Part 2

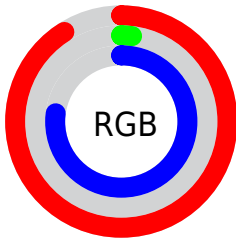
Format	Color
RYB	232, 5, 196
Decimal	15205828
CIELab	53.22, 86.35, -39.00
CIElCh	53, 94.749, 335.690
Yxy	21.2499, 0.3651, 0.1792
Android (android.graphics.Color)	4293395908 (0xFFE805C4)
YUV	94.6470, 49.9670, 120.4586
Hunter-Lab	46.0976, 86.9840, -37.2425

Details

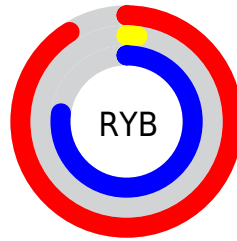
The Hex color **E805C4** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed magenta. A complement of this color would be **05E829**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF63FD**, and **AB008E** is the 20% darker color. If you saturate the color by 10%, you get **E800C3**, and if you desaturate by 10%, it is **E81CC8**.

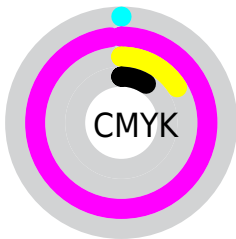
Distribution



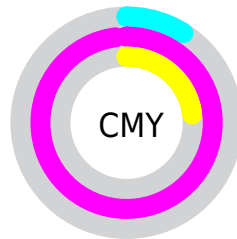
- Red (91%)
- Green (2%)
- Blue (77%)



- Red (91%)
- Yellow (2%)
- Blue (77%)



- Cyan (0%)
- Magenta (98%)
- Yellow (16%)
- Black (9%)



- Cyan (9%)
- Magenta (98%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color E805C4 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 E805C4 by changing the saturation by 10% instead.

 E805C4

 E805C4

FFFFFF

 C900A8

 FF63FD

 AB008E

 FF83FF

 8E0074

 FFA1FF

 70005B

 FFC0FF

 540043

 FFDEFF

 37002B

 FFFDFF

 150015

 000000

 E805C4

 E805C4

 E800C3

 E81CC8

 E833CB

 E84BCF

 E862D3

 E879D6

 E890DA

 E8A7DE

 E8BFE1

 E8D6E5

Harmonies

Analogous

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



895FFF



E805C4



FF0074

Triad

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



E805C4



8D8100



009FDE

Complementary

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



E805C4



05E829

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.



009F8D



E805C4



299300

Square

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



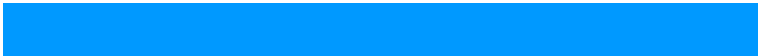
E805C4



CE6000



009C35



0099FF

Rectangle

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



E805C4



FF003F



009C35



00A0C4

Sweetspot

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



E805C4



FFB5F3



2705E8



805378



000000



808080

Same Dimension

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



E805C4



FF00D7



E80554



736771



B30096



33002B

Inverse Universe

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



E805C4



FF00D7



05E899



736771



B30096



33002B

Previews

White Background



This preview shows how the Hex color E805C4 looks on a white background.

Color Contrast Check

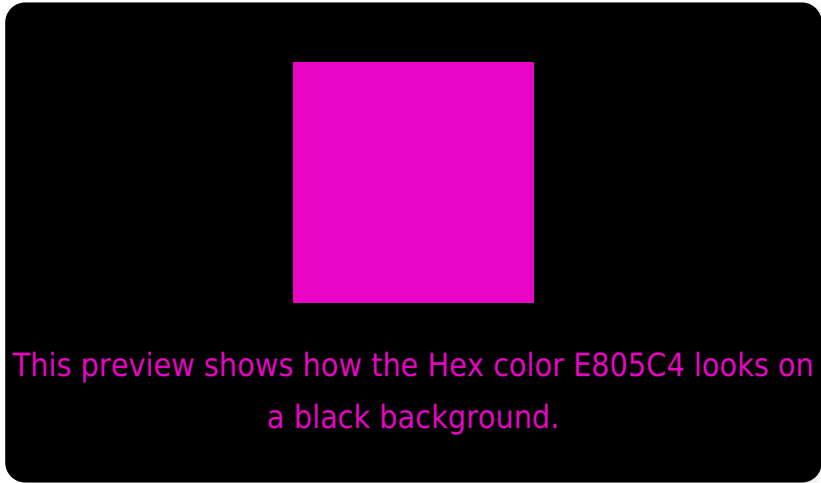
Large Text (above 18pt) WCAG AA ✓ Pass

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 E805C4 Background



This preview shows how black text looks on a background with the Hex color E805C4.

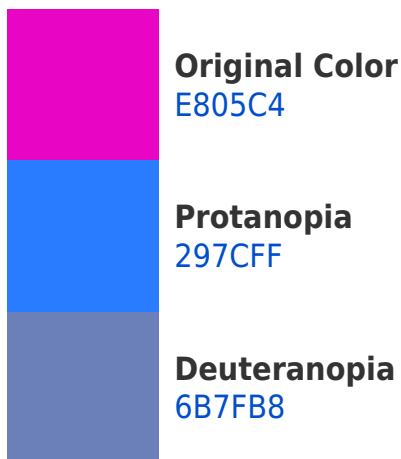


This preview shows how white text looks on a background with the Hex color E805C4.

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
E805C4



Protanomaly
6E51EA



Deuteranomaly
9853BC



Tritanomaly
E2337B

Monochromacy



Original Color
E805C4



Achromatopsia
5F5F5F



Achromatomaly
913E84

CSS Examples

Text

The CSS property to change the color of the text to Hex E805C4 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 #E805C4 looks like.

```
.text, #text, p{  
    color:#E805C4  
}
```

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 #E805C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E805C4
}
```

Border

The CSS property to change the border of an element to Hex E805C4 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
#E805C4 }
```

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

```
.border{ border-color:#E805C4 }
```

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

Here you see how a box with a 4 pixel #E805C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E805C4; -webkit-box-shadow:4px 4px  
4px 4px #E805C4; box-shadow:4px 4px 4px  
4px #E805C4 }
```

Background

The CSS property to change the background color of an element to Hex E805C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E805C4 }
```

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

```
.background{ background-color:#E805C4 }
```

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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