

Converting Colors

Hex(E80DE3)

Have a look what the booklet for
Hex(E80DE3) contains.

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Color

Hex(E80DE3)

Conversions

Conversions Part 1

Format	Color
Hex	E80DE3
RGB	232, 13, 227
RGB Percent	91%, 5%, 89%
CMY	0.0902, 0.9490, 0.1098
CMYK	0.00, 0.94, 0.02, 0.09
HSL	301°, 89%, 48%
HSV	301°, 94%, 91%
XYZ	47.2878, 22.9897, 74.6182
YIQ	102.8770, 61.8300, 112.9820

Conversions

Conversions Part 2

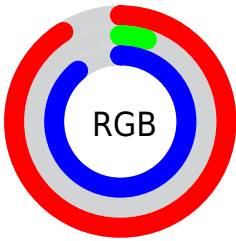
Format	Color
R _Y B	232, 13, 227
Decimal	15207907
CIE Lab	55.06, 89.89, -53.81
CIE LCh	55, 104.767, 329.095
Yxy	22.9897, 0.3264, 0.1587
Android (android.graphics.Color)	4293397987 (0xFFE80DE3)
YUV	102.8770, 61.1926, 113.2409
Hunter-Lab	47.9476, 92.1354, -58.7064

Details

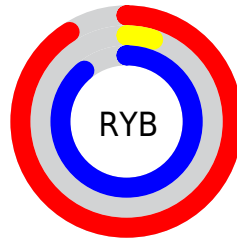
The Hex color **E80DE3** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **0DE812**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF66FF**, and **AB00AB** is the 20% darker color. If you saturate the color by 10%, you get **E800E3**, and if you desaturate by 10%, it is **E824E4**.

Distribution



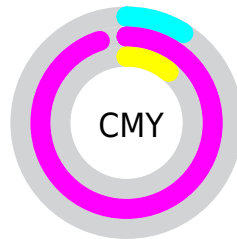
- Red (91%)
- Green (5%)
- Blue (89%)



- Red (91%)
- Yellow (5%)
- Blue (89%)



- Cyan (0%)
- Magenta (94%)
- Yellow (2%)
- Black (9%)



- Cyan (9%)
- Magenta (95%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color E80DE3 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 E80DE3 by changing the saturation by 10% instead.

 E80DE3

 E80DE3

FFFFFF

 C900C7

 FF66FF

 AB00AB

 FF86FF

 8E0090

 FFA5FF

 700075

 FFC3FF

 53005C

 FFE2FF

 370043

 17002C

 000116

 000000

 E80DE3

 E80DE3

 E800E3

 E824E4

 E83BE4

 E853E5

 E86AE5

 E881E6

 E898E6

 E8AFE7

 E8C7E7

 E8DEE8

Harmonies

Analogous

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



5B6CFF



E80DE3



FF008B

Triad

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



E80DE3



A38000



00A7DB

Complementary

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



E80DE3



0DE812

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.



00A67F



E80DE3



439700

Square

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



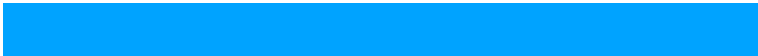
E80DE3



E75300



00A10D



00A3FF

Rectangle

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



E80DE3



FF0050



00A10D



00A7BD

Sweetspot

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



E80DE3



FFB8FD



110DE8



80547F



000000



808080

Same Dimension

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



E80DE3



FF00F9



E80D77



736772



B300AE



330032

Inverse Universe

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



E80DE3



FF00F9



0DE87E



736772



B300AE



330032

Previews

White Background



This preview shows how the Hex color E80DE3 looks on a white background.

Color Contrast Check

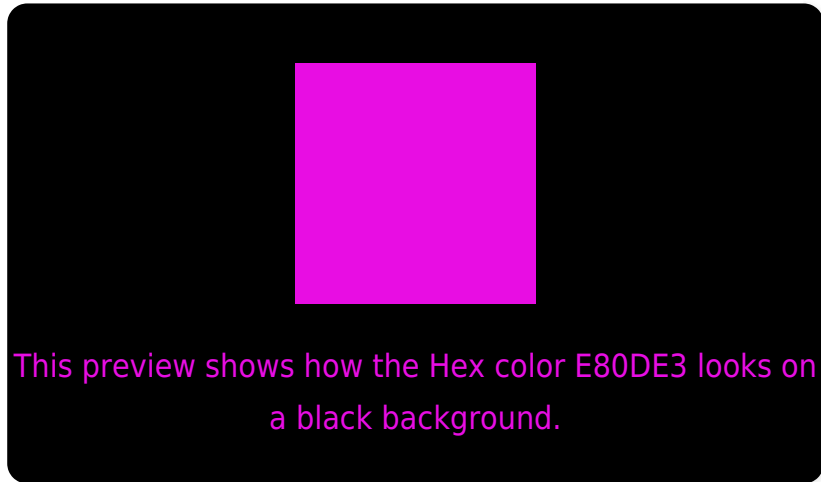
Large Text (above 18pt) WCAG AA ✓ Pass

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

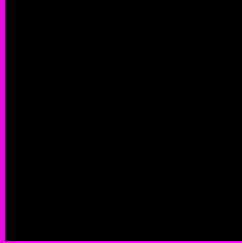
Any Text WCAG AA ✓ Pass

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 E80DE3 Background



This preview shows how black text looks on a background with the Hex color E80DE3.

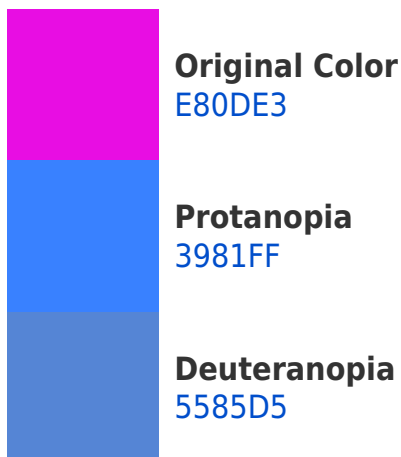


This preview shows how white text looks on a background with the Hex color E80DE3.

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
E80DE3



Protanomaly
7957F5



Deuteranomaly
8A59DA



Tritanomaly
DF3E8F

Monochromacy



Original Color
E80DE3



Achromatopsia
676767



Achromatomaly
964694

CSS Examples

Text

The CSS property to change the color of the text to Hex E80DE3 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 #E80DE3 looks like.

```
.text, #text, p{  
    color:#E80DE3  
}
```

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 #E80DE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E80DE3
}
```

Border

The CSS property to change the border of an element to Hex E80DE3 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
#E80DE3 }
```

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

```
.border{ border-color:#E80DE3 }
```

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

Here you see how a box with a 4 pixel #E80DE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E80DE3; -webkit-box-shadow:4px 4px  
4px 4px #E80DE3; box-shadow:4px 4px 4px  
4px #E80DE3 }
```

Background

The CSS property to change the background color of an element to Hex E80DE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E80DE3 }
```

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

```
.background{ background-color:#E80DE3 }
```

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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