

Converting Colors

Hex(ED80B3)

Have a look what the booklet for
Hex(ED80B3) contains.

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Color

Hex(ED80B3)

Conversions

Conversions Part 1

Format	Color
Hex	ED80B3
RGB	237, 128, 179
RGB Percent	93%, 50%, 70%
CMY	0.0706, 0.4980, 0.2980
CMYK	0.00, 0.46, 0.24, 0.07
HSL	332°, 75%, 72%
HSV	332°, 46%, 93%
XYZ	50.7809, 36.6975, 47.0547
YIQ	166.4050, 48.5930, 38.9690

Conversions

Conversions Part 2

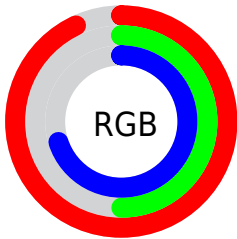
Format	Color
R _Y B	237, 128, 179
Decimal	15564979
CIE Lab	67.05, 47.75, -8.02
CIE LCh	67, 48.415, 350.465
Yxy	36.6975, 0.3775, 0.2728
Android (android.graphics.Color)	4293755059 (0xFFED80B3)
YUV	166.4050, 6.2093, 61.9118
Hunter-Lab	60.5785, 43.6182, -3.6489

Details

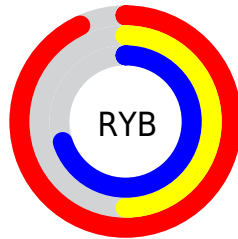
The Hex color **ED80B3** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80EDBA**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFB7EB**, and **B34B7E** is the 20% darker color. If you saturate the color by 10%, you get **ED68A6**, and if you desaturate by 10%, it is **ED98C0**.

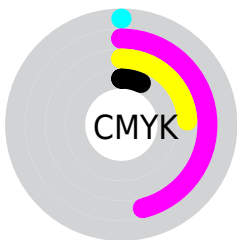
Distribution



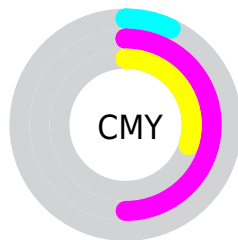
- Red (93%)
- Green (50%)
- Blue (70%)



- Red (93%)
- Yellow (50%)
- Blue (70%)



- Cyan (0%)
- Magenta (46%)
- Yellow (24%)
- Black (7%)



- Cyan (7%)
- Magenta (50%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED80B3 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 ED80B3 by changing the saturation by 10% instead.

 ED80B3

 ED80B3

FFFFFF

 D06598

 FFB7EB

 B34B7E

 FFD4FF

 963065

 FFF1FF

 7B114D

 5F0037

 450021

 2D0009

 000000

 ED80B3

 ED80B3

ED68A6

ED98C0

ED519A

EDAFCC

ED398D

EDC7D9

ED2181

EDDFE5

ED0974

EDF6F2

ED006F

EDFFFF

Harmonies

Analogous

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



CC8CDB



ED80B3



F58087

Triad

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



ED80B3



A0AA4E



00B5E5

Complementary

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



ED80B3



80EDBA

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.



00B9C0



ED80B3



6DB36A

Square

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



ED80B3



C99C4B



0DB993



26ACF9

Rectangle

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



ED80B3



EE876D



0DB993



00B7DB

Sweetspot

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



ED80B3



FFDBEC



B880ED



806A74



000000



808080

Same Dimension

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



ED80B3



FF73B4



ED8280



756A6F



B50055



360019

Inverse Universe

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



ED80B3



FF73B4



80EBED



756A6F



B50055



360019

Previews

White Background



This preview shows how the Hex color ED80B3 looks on a white background.

Color Contrast Check

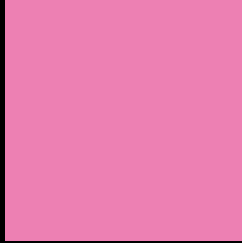
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color ED80B3 looks on a 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex ED80B3 Background



This preview shows how black text looks on a background with the Hex color ED80B3.



This preview shows how white text looks on a background with the Hex color ED80B3.

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
EA8791

Trichromacy



Original Color
ED80B3



Protanomaly
B996C1



Deuteranomaly
C694B0

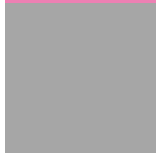


Tritanomaly
EB849D

Monochromacy



Original Color
ED80B3



Achromatopsia
A6A6A6



Achromatomaly
C098AB

CSS Examples

Text

The CSS property to change the color of the text to Hex ED80B3 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 #ED80B3 looks like.

```
.text, #text, p{  
    color:#ED80B3  
}
```

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 #ED80B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED80B3
}
```

Border

The CSS property to change the border of an element to Hex ED80B3 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
#ED80B3 }
```

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

```
.border{ border-color:#ED80B3 }
```

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

Here you see how a box with a 4 pixel #ED80B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED80B3; -webkit-box-shadow:4px 4px  
4px 4px #ED80B3; box-shadow:4px 4px 4px  
4px #ED80B3 }
```

Background

The CSS property to change the background color of an element to Hex ED80B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED80B3 }
```

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

```
.background{ background-color:#ED80B3 }
```

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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