

Converting Colors

Hex(ED71B2)

Have a look what the booklet for
Hex(ED71B2) contains.

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Color

Hex(ED71B2)

Conversions

Conversions Part 1

Format	Color
Hex	ED71B2
RGB	237, 113, 178
RGB Percent	93%, 44%, 70%
CMY	0.0706, 0.5569, 0.3020
CMYK	0.00, 0.52, 0.25, 0.07
HSL	329°, 78%, 69%
HSV	329°, 52%, 93%
XYZ	48.8661, 33.0291, 45.9192
YIQ	157.4860, 53.0390, 46.5030

Conversions

Conversions Part 2

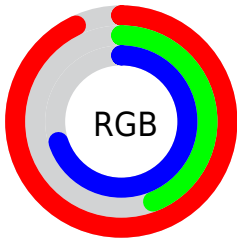
Format	Color
R _Y B	237, 113, 178
Decimal	15561138
CIE Lab	64.18, 54.93, -11.73
CIE LCh	64, 56.169, 347.942
Yxy	33.0291, 0.3823, 0.2584
Android (android.graphics.Color)	4293751218 (0xFFED71B2)
YUV	157.4860, 10.1134, 69.7338
Hunter-Lab	57.4710, 51.1996, -7.1429

Details

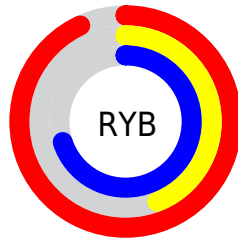
The Hex color **ED71B2** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **71EDAC**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFA9EA**, and **B23A7D** is the 20% darker color. If you saturate the color by 10%, you get **ED59A7**, and if you desaturate by 10%, it is **ED89BD**.

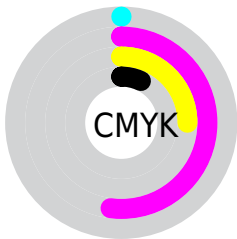
Distribution



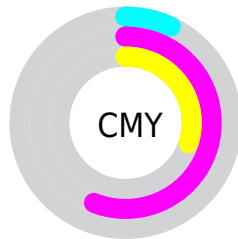
- Red (93%)
- Green (44%)
- Blue (70%)



- Red (93%)
- Yellow (44%)
- Blue (70%)



- Cyan (0%)
- Magenta (52%)
- Yellow (25%)
- Black (7%)



- Cyan (7%)
- Magenta (56%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED71B2 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 ED71B2 by changing the saturation by 10% instead.

 ED71B2

 ED71B2

FFFFFF

 CF5697

 FFA9EA

 B23A7D

 FFC5FF

 961A64

 FFE2FF

 79004C

 5E0036

 430020

 2A0005

 000000

 ED71B2

 ED71B2

 ED59A7

 ED89BD

 ED429B

 EDA0C9

 ED2A90

 EDB8D4

 ED1285

 EDD0DF

 ED007C

 EDE7EA

 EDFFF6

 EDFFFF

Harmonies

Analogous

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



C482DF



ED71B2



F87080

Triad

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



ED71B2



9AA235



00B1E5

Complementary

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



ED71B2



71EDAC

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.



00B4B9



ED71B2



5FAD55

Square

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



ED71B2



C89235



00B385



00A7FD

Rectangle

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



ED71B2



F17860



00B385



00B2D8

Sweetspot

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



ED71B2



FFD6EC



AB71ED



806774



000000



808080

Same Dimension

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



ED71B2



FF5EB3



ED7175



756A70



B5005F



36001C

Inverse Universe

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



ED71B2



FF5EB3



71EDE9



756A70



B5005F



36001C

Previews

White Background



This preview shows how the Hex color ED71B2 looks on a white background.

Color Contrast Check

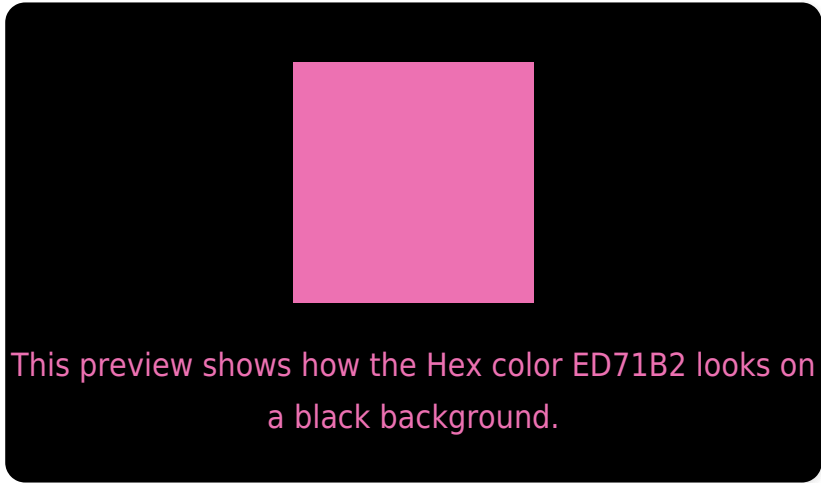
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 ED71B2 Background



This preview shows how black text looks on a background with the Hex color ED71B2.



This preview shows how white text looks on a background with the Hex color ED71B2.

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
E97B83

Trichromacy



Original Color
ED71B2



Protanomaly
B18BC4



Deuteranomaly
BF8AAE

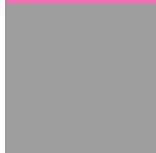


Tritanomaly
EA7794

Monochromacy



Original Color
ED71B2



Achromatopsia
9D9D9D



Achromatomaly
BA8DA5

CSS Examples

Text

The CSS property to change the color of the text to Hex ED71B2 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 #ED71B2 looks like.

```
.text, #text, p{  
    color:#ED71B2  
}
```

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 #ED71B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED71B2
}
```

Border

The CSS property to change the border of an element to Hex ED71B2 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
#ED71B2 }
```

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

```
.border{ border-color:#ED71B2 }
```

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

Here you see how a box with a 4 pixel #ED71B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED71B2; -webkit-box-shadow:4px 4px  
4px 4px #ED71B2; box-shadow:4px 4px 4px  
4px #ED71B2 }
```

Background

The CSS property to change the background color of an element to Hex ED71B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED71B2 }
```

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

```
.background{ background-color:#ED71B2 }
```

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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