

Converting Colors

Hex(E81EB3)

Have a look what the booklet for
Hex(E81EB3) contains.

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Color

Hex(E81EB3)

Conversions

Conversions Part 1

Format	Color
Hex	E81EB3
RGB	232, 30, 179
RGB Percent	91%, 12%, 70%
CMY	0.0902, 0.8824, 0.2980
CMYK	0.00, 0.87, 0.23, 0.09
HSL	316°, 81%, 51%
HSV	316°, 87%, 91%
XYZ	41.8797, 21.3390, 44.5594
YIQ	107.3840, 72.5630, 89.1630

Conversions

Conversions Part 2

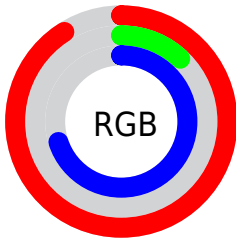
Format	Color
R_{YB}	232, 30, 179
Decimal	15212211
CIE _{Lab}	53.32, 81.69, -28.97
CIE _{LCh}	53, 86.673, 340.471
Yxy	21.3390, 0.3886, 0.1980
Android (android.graphics.Color)	4293402291 (0xFFE81EB3)
YUV	107.3840, 35.3067, 109.2882
Hunter-Lab	46.1942, 80.9884, -24.8558

Details

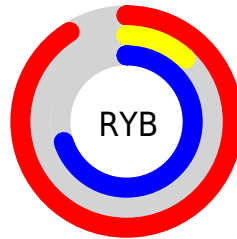
The Hex color **E81EB3** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **1EE853**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF69EB**, and **AB007E** is the 20% darker color. If you saturate the color by 10%, you get **E807AD**, and if you desaturate by 10%, it is **E835B9**.

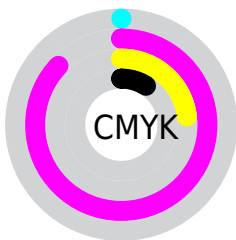
Distribution



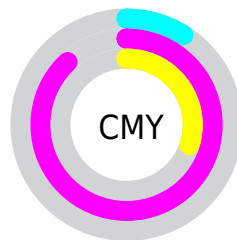
- Red (91%)
- Green (12%)
- Blue (70%)



- Red (91%)
- Yellow (12%)
- Blue (70%)



- Cyan (0%)
- Magenta (87%)
- Yellow (23%)
- Black (9%)



- Cyan (9%)
- Magenta (88%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color E81EB3 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 E81EB3 by changing the saturation by 10% instead.

 E81EB3

 E81EB3

FFFFFF

 C90098

 FF69EB

 AB007E

 FF88FF

 8E0065

 FFA6FF

 70004C

 FFC4FF

 540035

 FFE3FF

 37001F

 150001

 000000

 E81EB3

 E81EB3

 E807AD

 E835B9

 E800AB

 E84CBF

 E864C5

 E87BCB

 E892D1

 E8A9D8

 E8C0DE

 E8D8E4

 E8EFEA

Harmonies

Analogous

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



9E5CF3



E81EB3



FE0069

Triad

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



E81EB3



838500



009DE0

Complementary

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



E81EB3



1EE853

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.



009E99



E81EB3



1E9400

Square

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



E81EB3



C16900



009B4A



0095FF

Rectangle

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



E81EB3



F72539



009B4A



009ECA

Sweetspot

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



E81EB3



FFBDEE



501EE8



805875



000000



808080

Same Dimension

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



E81EB3



FF00BC



E81E50



736770



B30084



330026

Inverse Universe

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



E81EB3



FF00BC



1EE8B6



736770



B30084



330026

Previews

White Background



This preview shows how the Hex color E81EB3 looks on a white background.

Color Contrast Check

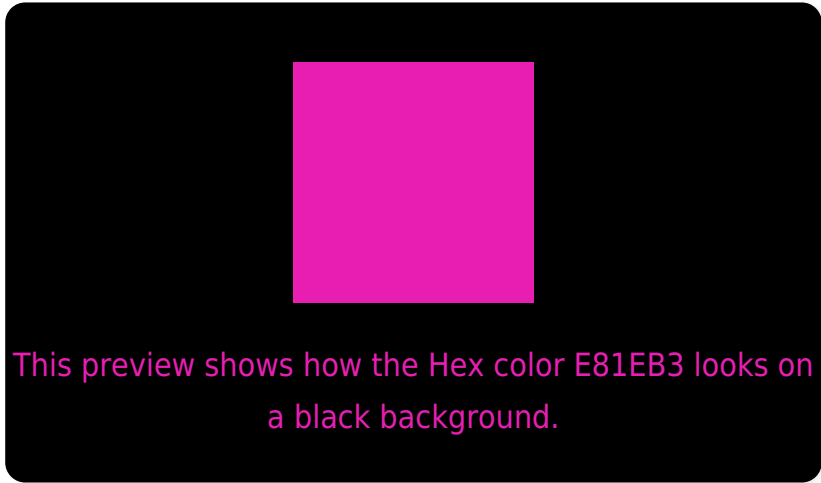
Large Text (above 18pt) WCAG AA ✓ Pass

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 E81EB3 Background



This preview shows how black text looks on a background with the Hex color E81EB3.



This preview shows how white text looks on a background with the Hex color E81EB3.

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
E04B4F

Trichromacy



Original Color
E81EB3



Protanomaly
775AE0



Deuteranomaly
A05BAC



Tritanomaly
E33B73

Monochromacy



Original Color
E81EB3



Achromatopsia
6B6B6B



Achromatomaly
984F85

CSS Examples

Text

The CSS property to change the color of the text to Hex E81EB3 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 #E81EB3 looks like.

```
.text, #text, p{  
    color:#E81EB3  
}
```

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 #E81EB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E81EB3
}
```

Border

The CSS property to change the border of an element to Hex E81EB3 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
#E81EB3 }
```

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

```
.border{ border-color:#E81EB3 }
```

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

Here you see how a box with a 4 pixel #E81EB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E81EB3; -webkit-box-shadow:4px 4px  
4px 4px #E81EB3; box-shadow:4px 4px 4px  
4px #E81EB3 }
```

Background

The CSS property to change the background color of an element to Hex E81EB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E81EB3 }
```

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

```
.background{ background-color:#E81EB3 }
```

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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