

Converting Colors

Hex(E616BB)

Have a look what the booklet for
Hex(E616BB) contains.

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Color

Hex(E616BB)

Conversions

Conversions Part 1

Format	Color
Hex	E616BB
RGB	230, 22, 187
RGB Percent	90%, 9%, 73%
CMY	0.0980, 0.9137, 0.2667
CMYK	0.00, 0.90, 0.19, 0.10
HSL	312°, 83%, 49%
HSV	312°, 90%, 90%
XYZ	41.8897, 20.9847, 48.8563
YIQ	103.0020, 71.0030, 95.4110

Conversions

Conversions Part 2

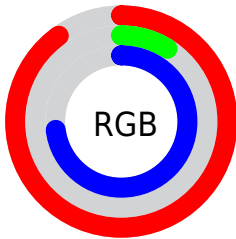
Format	Color
RYB	230, 22, 187
Decimal	15079099
CIELab	52.93, 83.38, -34.27
CIELCh	53, 90.147, 337.660
Yxy	20.9847, 0.3749, 0.1878
Android (android.graphics.Color)	4293269179 (0xFFE616BB)
YUV	103.0020, 41.4110, 111.3772
Hunter-Lab	45.8090, 83.0620, -31.1678

Details

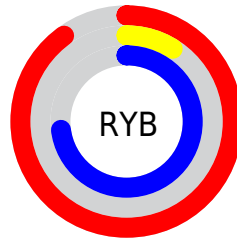
The Hex color **E616BB** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **16E641**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF66F4**, and **AA0085** is the 20% darker color. If you saturate the color by 10%, you get **E600B6**, and if you desaturate by 10%, it is **E62DC0**.

Distribution



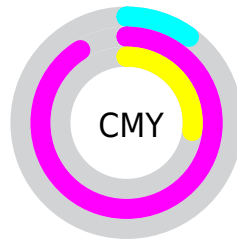
- Red (90%)
- Green (9%)
- Blue (73%)



- Red (90%)
- Yellow (9%)
- Blue (73%)



- Cyan (0%)
- Magenta (90%)
- Yellow (19%)
- Black (10%)



- Cyan (10%)
- Magenta (91%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color E616BB 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 E616BB by changing the saturation by 10% instead.

 E616BB

 E616BB

FFFFFF

 C800A0

 FF66F4

 AA0085

 FF85FF

 8C006C

 FFA4FF

 6F0053

 FFC2FF

 52003B

 FFE0FF

 360025

 12000C

 000000

 E616BB

 E616BB

 E600B6

 E62DC0

 E644C5

 E65BC9

 E672CE

 E689D3

 E6A0D8

 E6B7DC

 E6CEE1

 E6E5E6

Harmonies

Analogous

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



925DFB



E616BB



FF006E

Triad

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



E616BB



888200



009DDC

Complementary

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



E616BB



16E641

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.



009E91



E616BB



269300

Square

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



E616BB



C76300



009A3E



0096FF

Rectangle

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



E616BB



FB053C



009A3E



009EC5

Sweetspot

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



E616BB



FFBAF1



4016E6



805777



000000



808080

Same Dimension

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



E616BB



FF00CA



E61654



736770



B3008E



330028

Inverse Universe

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



E616BB



FF00CA



16E6A8



736770



B3008E



330028

Previews

White Background



This preview shows how the Hex color E616BB 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 E616BB Background



This preview shows how black text looks on a background with the Hex color E616BB.

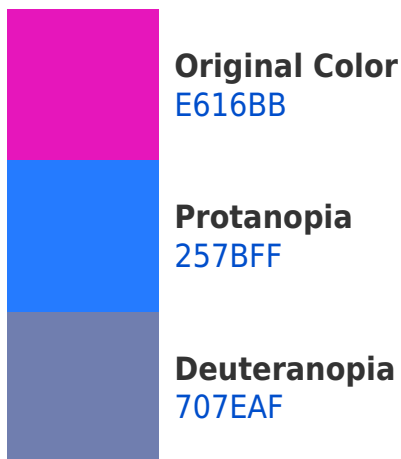


This preview shows how white text looks on a background with the Hex color E616BB.

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

E616BB



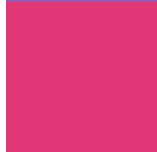
Protanomaly

6B56E6



Deuteranomaly

9B58B3



Tritanomaly

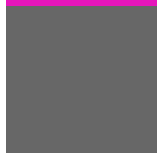
E03877

Monochromacy



Original Color

E616BB



Achromatopsia

676767



Achromatomaly

954A86

CSS Examples

Text

The CSS property to change the color of the text to Hex E616BB 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 #E616BB looks like.

```
.text, #text, p{  
    color:#E616BB  
}
```

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 #E616BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E616BB
}
```

Border

The CSS property to change the border of an element to Hex E616BB 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
#E616BB }
```

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

```
.border{ border-color:#E616BB }
```

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

Here you see how a box with a 4 pixel #E616BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E616BB; -webkit-box-shadow:4px 4px  
4px 4px #E616BB; box-shadow:4px 4px 4px  
4px #E616BB }
```

Background

The CSS property to change the background color of an element to Hex E616BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E616BB }
```

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

```
.background{ background-color:#E616BB }
```

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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