

Converting Colors

Hex(E475BB)

Have a look what the booklet for
Hex(E475BB) contains.

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Color

Hex(E475BB)

Conversions

Conversions Part 1

Format	Color
Hex	E475BB
RGB	228, 117, 187
RGB Percent	89%, 46%, 73%
CMY	0.1059, 0.5412, 0.2667
CMYK	0.00, 0.49, 0.18, 0.11
HSL	322°, 67%, 68%
HSV	322°, 49%, 89%
XYZ	47.3258, 32.8044, 50.8512
YIQ	158.1690, 43.6860, 45.3020

Conversions

Conversions Part 2

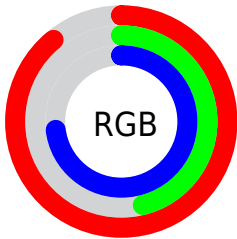
Format	Color
R _Y B	228, 117, 187
Decimal	14972347
CIE _{Lab}	64.00, 51.46, -17.24
CIE _{LCh}	64, 54.272, 341.483
Y _{xy}	32.8044, 0.3613, 0.2505
Android (android.graphics.Color)	4293162427 (0xFFE475BB)
YUV	158.1690, 14.2137, 61.2418
Hunter-Lab	57.2751, 47.2612, -12.5475

Details

The Hex color **E475BB** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **75E49E**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFACF3**, and **AA3F86** is the 20% darker color. If you saturate the color by 10%, you get **E45EB3**, and if you desaturate by 10%, it is **E48CC3**.

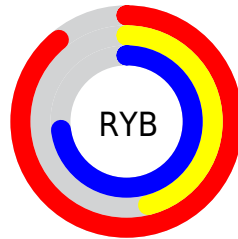
Distribution



Red (89%)

Green (46%)

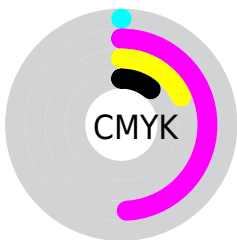
Blue (73%)



Red (89%)

Yellow (46%)

Blue (73%)

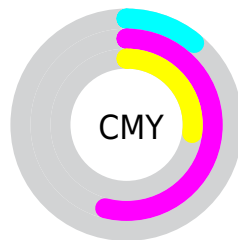


Cyan (0%)

Magenta (49%)

Yellow (18%)

Black (11%)



Cyan (11%)

Magenta (54%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color E475BB 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 E475BB by changing the saturation by 10% instead.

 E475BB

 E475BB

FFFFFF

 C75AA0

 FFACF3

 AA3F86

 FFC8FF

 8E226C

 FFE5FF

 730054

 58003D

 3E0027

 240011

 000000

 E475BB

 E475BB

 E45EB3

 E48CC3

 E447AA

 E4A3CC

 E431A2

 E4B9D4

 E41A99

 E4D0DD

 E40391

 E4E7E5

 E40090

 E4FEEE

 E4FFF6

 E4FFFE

 E4FFFF

Harmonies

Analogous

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



B687E4



E475BB



F5708A

Triad

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



E475BB



A49E36



00B1DA

Complementary

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



E475BB



75E49E

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.



00B3AD



E475BB



6FAA4F

Square

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



E475BB



CF8E3D



00B17B



00A9F6

Rectangle

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



E475BB



F1766B



00B17B



00B2CC

Sweetspot

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



E475BB



FFD9F1



9E75E4



806977



000000



808080

Same Dimension

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



E475BB



FF6BC8



E47584



73676F



B30071



330020

Inverse Universe

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



E475BB



FF6BC8



75E4D5



73676F



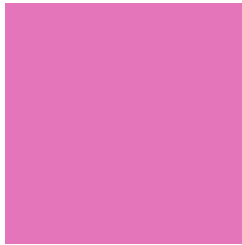
B30071



330020

Previews

White Background



This preview shows how the Hex color E475BB looks on a white background.

Color Contrast Check

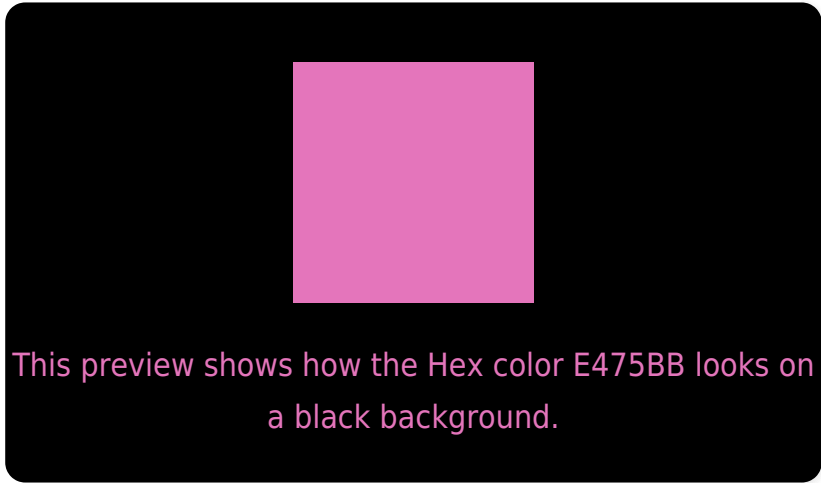
Large Text (above 18pt) WCAG AA × Fail

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 E475BB Background



This preview shows how black text looks on a background with the Hex color E475BB.

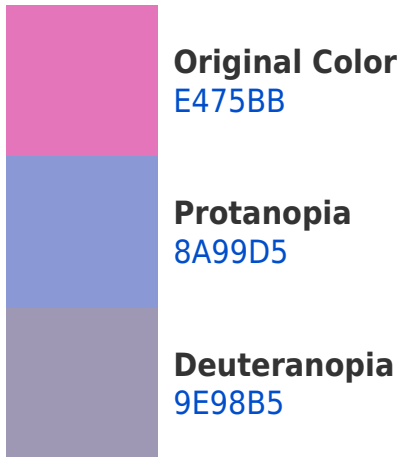


This preview shows how white text looks on a background with the Hex color E475BB.

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
DF7F89

Trichromacy



Original Color
E475BB



Protanomaly
AB8CCC



Deuteranomaly
B78BB7

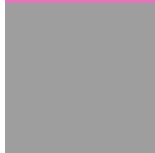


Tritanomaly
E17B9B

Monochromacy



Original Color
E475BB



Achromatopsia
9E9E9E



Achromatomaly
B78FA9

CSS Examples

Text

The CSS property to change the color of the text to Hex E475BB 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 #E475BB looks like.

```
.text, #text, p{  
    color:#E475BB  
}
```

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 #E475BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E475BB
}
```

Border

The CSS property to change the border of an element to Hex E475BB 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
#E475BB }
```

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

```
.border{ border-color:#E475BB }
```

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

Here you see how a box with a 4 pixel #E475BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E475BB; -webkit-box-shadow:4px 4px  
4px 4px #E475BB; box-shadow:4px 4px 4px  
4px #E475BB }
```

Background

The CSS property to change the background color of an element to Hex E475BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E475BB }
```

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

```
.background{ background-color:#E475BB }
```

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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