

Converting Colors

Hex(E786B4)

Have a look what the booklet for
Hex(E786B4) contains.

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Color

Hex(E786B4)

Conversions

Conversions Part 1

Format	Color
Hex	E786B4
RGB	231, 134, 180
RGB Percent	91%, 53%, 71%
CMY	0.0941, 0.4745, 0.2941
CMYK	0.00, 0.42, 0.22, 0.09
HSL	332°, 67%, 72%
HSV	332°, 42%, 91%
XYZ	49.7183, 37.3344, 47.7658
YIQ	168.2470, 43.0460, 34.8700

Conversions

Conversions Part 2

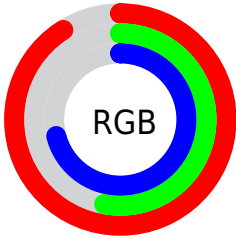
Format	Color
R _Y B	231, 134, 180
Decimal	15173300
CIE Lab	67.53, 42.84, -7.95
CIE LCh	68, 43.569, 349.480
Yxy	37.3344, 0.3688, 0.2769
Android (android.graphics.Color)	4293363380 (0xFFE786B4)
YUV	168.2470, 5.7942, 55.0344
Hunter-Lab	61.1019, 38.3163, -3.5781

Details

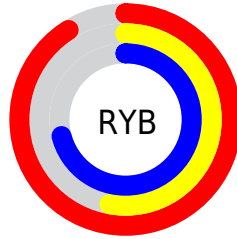
The Hex color **E786B4** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86E7B9**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFBDEC**, and **AD527F** is the 20% darker color. If you saturate the color by 10%, you get **E76FA8**, and if you desaturate by 10%, it is **E79DC0**.

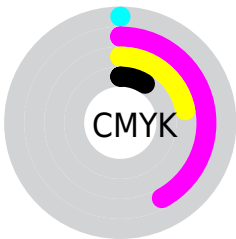
Distribution



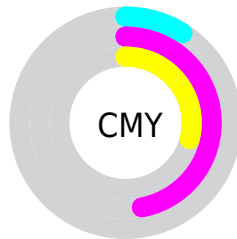
- Red (91%)
- Green (53%)
- Blue (71%)



- Red (91%)
- Yellow (53%)
- Blue (71%)



- Cyan (0%)
- Magenta (42%)
- Yellow (22%)
- Black (9%)



- Cyan (9%)
- Magenta (47%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color E786B4 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 E786B4 by changing the saturation by 10% instead.

 E786B4

 E786B4

FFFFFF

 CA6B99

 FFBDEC

 AD527F

 FFD9FF

 913866

 FFF6FF

 761D4E

 5B0037

 410022

 2B000A

 000000

 E786B4

 E786B4

 E76FA8

 E79DC0

 E7589C

 E7B4CC

 E74190

 E7CBD8

 E72A83

 E7E2E5

 E71377

 E7FAF1

 E7006E

 E7FFFD

 E7FFFF

Harmonies

Analogous

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



C891D8



E786B4



F0868C

Triad

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



E786B4



A3AA58



00B5DF

Complementary

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



E786B4



86E7B9

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.



00B9BD



E786B4



76B370

Square

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



E786B4



C99D56



39B895



45ADF1

Rectangle

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



E786B4



EA8B74



39B895



00B7D5

Sweetspot

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



E786B4



FFDEEE



B886E7



806B75



000000



808080

Same Dimension

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



E786B4



FF80BC



E78886



73676D



B30055



330018

Inverse Universe

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



E786B4



FF80BC



86E5E7



73676D



B30055



330018

Previews

White Background



This preview shows how the Hex color E786B4 looks on a white background.

Color Contrast Check

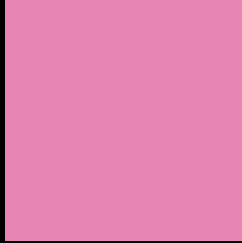
Large Text (above 18pt) WCAG AA × Fail

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 E786B4 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 E786B4 Background



This preview shows how black text looks on a background with the Hex color E786B4.



This preview shows how white text looks on a background with the Hex color E786B4.

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
E48C96

Trichromacy



Original Color
E786B4



Protanomaly
B898C0



Deuteranomaly
C497B1

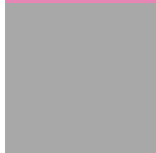


Tritanomaly
E58AA1

Monochromacy



Original Color
E786B4



Achromatopsia
A8A8A8



Achromatomaly
BF9CAC

CSS Examples

Text

The CSS property to change the color of the text to Hex E786B4 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 #E786B4 looks like.

```
.text, #text, p{  
    color:#E786B4  
}
```

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 #E786B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E786B4
}
```

Border

The CSS property to change the border of an element to Hex E786B4 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
#E786B4 }
```

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

```
.border{ border-color:#E786B4 }
```

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

Here you see how a box with a 4 pixel #E786B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E786B4; -webkit-box-shadow:4px 4px  
4px 4px #E786B4; box-shadow:4px 4px 4px  
4px #E786B4 }
```

Background

The CSS property to change the background color of an element to Hex E786B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E786B4 }
```

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

```
.background{ background-color:#E786B4 }
```

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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