

Converting Colors

Hex(E086B3)

Have a look what the booklet for
Hex(E086B3) contains.

Hex(E086B3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E086B3)

Conversions

Conversions Part 1

Format	Color
Hex	E086B3
RGB	224, 134, 179
RGB Percent	88%, 53%, 70%
CMY	0.1216, 0.4745, 0.2980
CMYK	0.00, 0.40, 0.20, 0.12
HSL	330°, 59%, 70%
HSV	330°, 40%, 88%
XYZ	47.4023, 36.1522, 47.1275
YIQ	166.0400, 39.1950, 33.0750

Conversions

Conversions Part 2

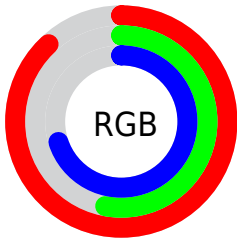
Format	Color
R_{YB}	224, 134, 179
Decimal	14714547
CIE _{Lab}	66.64, 40.32, -8.81
CIE _{LCh}	67, 41.274, 347.674
Yxy	36.1522, 0.3627, 0.2766
Android (android.graphics.Color)	4292904627 (0xFFE086B3)
YUV	166.0400, 6.3893, 50.8309
Hunter-Lab	60.1267, 35.5029, -4.3831

Details

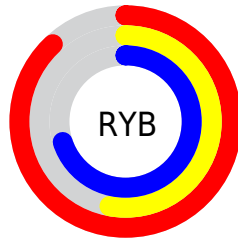
The Hex color **E086B3** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86E0B3**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFBDEB**, and **A7527E** is the 20% darker color. If you saturate the color by 10%, you get **E070A8**, and if you desaturate by 10%, it is **E09CBE**.

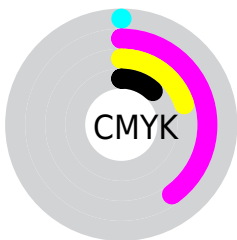
Distribution



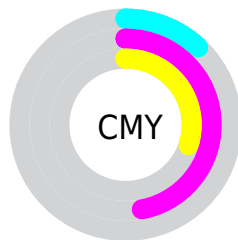
- Red (88%)
- Green (53%)
- Blue (70%)



- Red (88%)
- Yellow (53%)
- Blue (70%)



- Cyan (0%)
- Magenta (40%)
- Yellow (20%)
- Black (12%)



- Cyan (12%)
- Magenta (47%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color E086B3 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 E086B3 by changing the saturation by 10% instead.

 E086B3

 E086B3

FFFFFF

 C36C98

 FFBDEB

 A7527E

 FFD9FF

 8B3965

 FFF6FF

 701F4D

 560037

 3C0021

 260008

 000000

 E086B3

 E086B3

 E070A8

 E09CBE

 E0599D

 E0B3C9

 E04391

 E0C9D5

 E02C86

 E0E0E0

 E0167B

 E0F6EB

 E00070

 E0FFF6

 E0FFFF

Harmonies

Analogous

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



C190D4



E086B3



EA858D

Triad

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



E086B3



A4A75A



00B2D8

Complementary

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



E086B3



86E0B3

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.



00B5B7



E086B3



7AB06F

Square

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



E086B3



C79B59



45B591



47AAEA

Rectangle

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



E086B3



E58A77



45B591



00B4CE

Sweetspot

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



E086B3



FFE0F0



B386E0



806E77



000000



808080

Same Dimension

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



E086B3



FF85C2



E08686



70656B



B00058



300018

Inverse Universe

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



E086B3



FF85C2



86E0E0



70656B



B00058



300018

Previews

White Background



This preview shows how the Hex color E086B3 looks on a white background.

Color Contrast Check

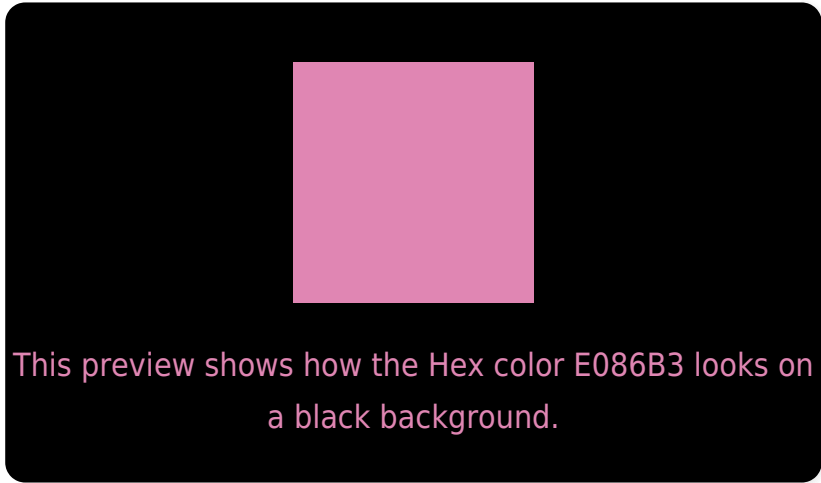
Large Text (above 18pt) WCAG AA × Fail

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 E086B3 Background



This preview shows how black text looks on a background with the Hex color E086B3.

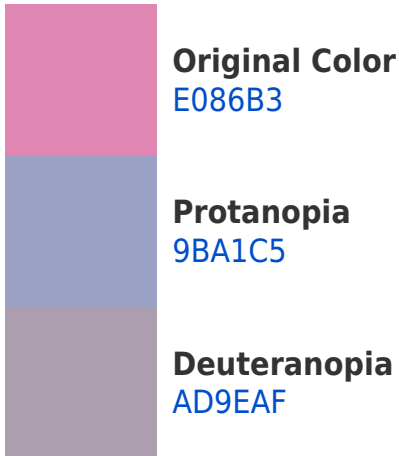


This preview shows how white text looks on a background with the Hex color E086B3.

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
DD8B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E086B3 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 #E086B3 looks like.

```
.text, #text, p{  
    color:#E086B3  
}
```

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 #E086B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E086B3
}
```

Border

The CSS property to change the border of an element to Hex E086B3 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
#E086B3 }
```

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

```
.border{ border-color:#E086B3 }
```

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

Here you see how a box with a 4 pixel #E086B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E086B3; -webkit-box-shadow:4px 4px  
4px 4px #E086B3; box-shadow:4px 4px 4px  
4px #E086B3 }
```

Background

The CSS property to change the background color of an element to Hex E086B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E086B3 }
```

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

```
.background{ background-color:#E086B3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor