

# Converting Colors

Hex(E86CBE)

Have a look what the booklet for  
Hex(E86CBE) contains.

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# Color

Hex(E86CBE)

# Conversions

## Conversions Part 1

Format	Color
Hex	E86CBE
RGB	232, 108, 190
RGB Percent	91%, 42%, 75%
CMY	0.0902, 0.5765, 0.2549
CMYK	0.00, 0.53, 0.18, 0.09
HSL	320°, 73%, 67%
HSV	320°, 53%, 91%
XYZ	47.9355, 31.5986, 52.2879
YIQ	154.4240, 47.5820, 51.7900

# Conversions

## Conversions Part 2

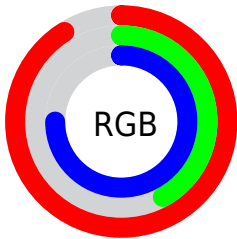
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 108, 190
Decimal	15232190
CIE Lab	63.01, 57.43, -20.39
CIE LCh	63, 60.948, 340.450
Yxy	31.5986, 0.3636, 0.2397
Android (android.graphics.Color)	4293422270 (0xFFE86CBE)
YUV	154.4240, 17.5390, 68.0342
Hunter-Lab	56.2127, 53.8443, -15.8015

# Details

The Hex color **E86CBE** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **6CE896**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFA4F6**, and **AE3488** is the 20% darker color. If you saturate the color by 10%, you get **E855B6**, and if you desaturate by 10%, it is **E883C6**.

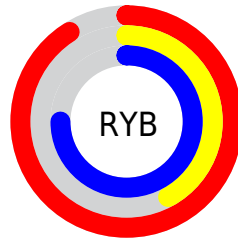
# Distribution



Red (91%)

Green (42%)

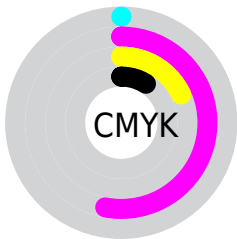
Blue (75%)



Red (91%)

Yellow (42%)

Blue (75%)

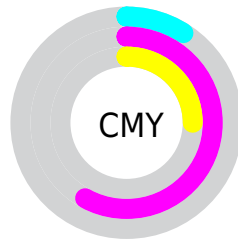


Cyan (0%)

Magenta (53%)

Yellow (18%)

Black (9%)



Cyan (9%)

Magenta (58%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E86CBE 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 E86CBE by changing the saturation by 10% instead.



 E86CBE

 E86CBE


FFFFFF

 CB50A3

 FFA4F6

 AE3488

 FFC0FF

 91106F

 FFDDFF

 750056

 FFFAFF

 5A003F

 400029

 250013

 000000

 E86CBE

 E86CBE

 E855B6

 E883C6

 E83EAE

 E89ACE

 E826A6

 E8B2D6

 E80F9F

 E8C9DD

 E80099

 E8E0E5

 E8F7ED

 E8FFF5

 E8FFFD

 E8FFFF

# Harmonies

## Analogous

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



B482EB



E86CBE



FB6588

# Triad

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



E86CBE



A39C20



00B0DE

# Complementary

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



E86CBE



6CE896

# 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.



00B2AA



E86CBE



68A940

# Square

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



E86CBE



D1892D



00B072



00A8FE

# Rectangle

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



E86CBE



F76D65



00B072



00B2CE



# Sweetspot

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



E86CBE



FFD6F1



956CE8



806777



000000



808080



# Same Dimension

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



E86CBE



FF5CC8



E86C81



73676F



B30076



330022



# Inverse Universe

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



E86CBE



FF5CC8



6CE8D3



73676F



B30076



330022



# Previews

## White Background



This preview shows how the Hex color E86CBE looks on a white background.

## Color Contrast Check

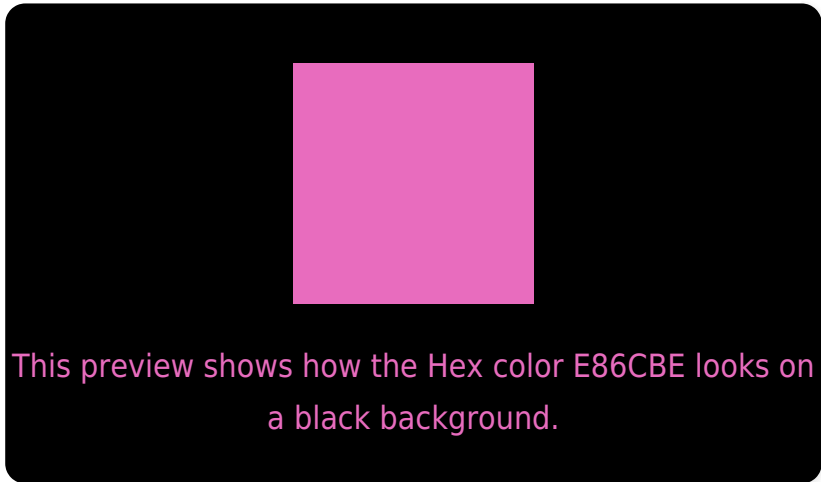
Large Text (above 18pt) WCAG AA × Fail

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 E86CBE Background



This preview shows how black text looks on a background with the Hex color E86CBE.



This preview shows how white text looks on a background with the Hex color E86CBE.

# 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**  
E27982

# Trichromacy



**Original Color**  
E86CBE



**Protanomaly**  
A787D2



**Deuteranomaly**  
B686BA

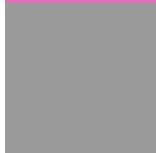


**Tritanomaly**  
E47498

# Monochromacy



**Original Color**  
E86CBE



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
B689A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E86CBE 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 #E86CBE looks like.

```
.text, #text, p{  
    color:#E86CBE  
}
```

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 #E86CBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E86CBE
}
```

## Border

The CSS property to change the border of an element to Hex E86CBE 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
#E86CBE }
```

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

```
.border{ border-color:#E86CBE }
```

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

Here you see how a box with a 4 pixel #E86CBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E86CBE; -webkit-box-shadow:4px 4px  
4px 4px #E86CBE; box-shadow:4px 4px 4px  
4px #E86CBE }
```

# Background

The CSS property to change the background color of an element to Hex E86CBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E86CBE }
```

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

```
.background{ background-color:#E86CBE }
```

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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