

# Converting Colors

Hex(E86593)

Have a look what the booklet for  
Hex(E86593) contains.

<b>Hex(E86593)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E86593)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E86593
RGB	232, 101, 147
RGB Percent	91%, 40%, 58%
CMY	0.0902, 0.6039, 0.4235
CMYK	0.00, 0.56, 0.37, 0.09
HSL	339°, 74%, 65%
HSV	339°, 56%, 91%
XYZ	43.1989, 28.5697, 30.8414
YIQ	145.4130, 63.3100, 42.0780

# Conversions

## Conversions Part 2

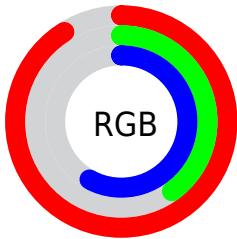
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">232, 101, 147</a>
Decimal	<a href="#">15230355</a>
CIELab	<a href="#">60.40, 55.12, 0.38</a>
CIELCh	<a href="#">60, 55.118, 0.392</a>
Yxy	<a href="#">28.5697, 0.4210, 0.2784</a>
Android (android.graphics.Color)	<a href="#">4293420435 (0xFFE86593)</a>
YUV	<a href="#">145.4130, 0.7824, 75.9368</a>
Hunter-Lab	<a href="#">53.4507, 50.7251, 3.2047</a>

# Details

The Hex color **E86593** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **65E8BA**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF9CC9**, and **AC2C61** is the 20% darker color. If you saturate the color by 10%, you get **E84E84**, and if you desaturate by 10%, it is **E87CA2**.

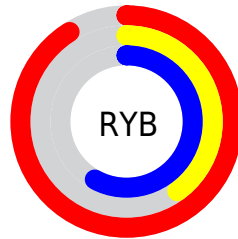
# Distribution



Red (91%)

Green (40%)

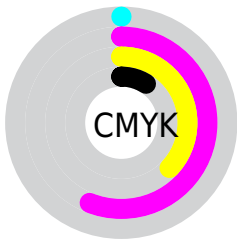
Blue (58%)



Red (91%)

Yellow (40%)

Blue (58%)

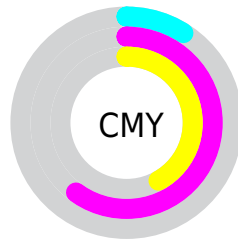


Cyan (0%)

Magenta (56%)

Yellow (37%)

Black (9%)



Cyan (9%)

Magenta (60%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E86593 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 E86593 by changing the saturation by 10% instead.



 E86593

 E86593

FFFFFF

 CA4979

 FF9CC9

 AC2C61

 FFB9E5

 8F0249

 FFD5FF

 730033

 FFF3FF

 57001E

 3E0003

 1B0001

 000000

 E86593

 E86593

 E84E84

 E87CA2

 E83775

 E893B1

 E81F66

 E8ABC0

 E80857

 E8C2CF

 E80051

 E8D9DE

 E8F0ED

 E8FFFC

 E8FFFF

# Harmonies

## Analogous

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



CD70C2



E86593



E86B63

# Triad

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



E86593



7A9D38



00A3E6

# Complementary

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



E86593



65E8BA

# 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.



00A8C1



E86593



32A55F

# Square

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



E86593



AB8F28



00A991



0497F3

# Rectangle

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



E86593



DB7748



00A991



00A5DC



# Sweetspot

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



E86593



FFD4E3



B865E8



80666F



000000



808080



# Same Dimension

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



E86593



FF528E



E87665



73676B



B3003F



330012



# Inverse Universe

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



E86593



FF528E



65D7E8



73676B



B3003F



330012



# Previews

## White Background



This preview shows how the Hex color E86593 looks on a white background.

## Color Contrast Check

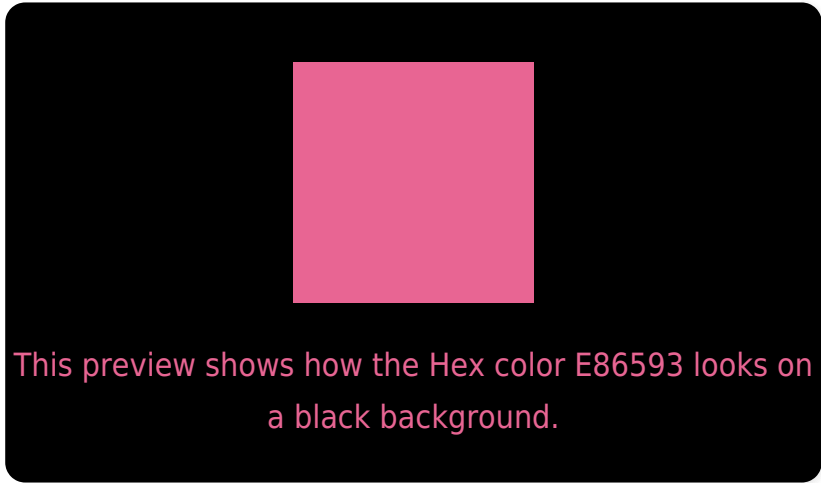
Large Text (above 18pt) WCAG AA ✓ Pass

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 E86593 Background



This preview shows how black text looks on a background with the Hex color E86593.




This preview shows how white text looks on a background with the Hex color E86593.

# 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**  
E56B73

# Trichromacy



**Original Color**  
E86593



**Protanomaly**  
AD81A4



**Deuteranomaly**  
BB7E8F

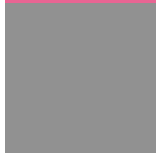


**Tritanomaly**  
E6697F

# Monochromacy



**Original Color**  
E86593



**Achromatopsia**  
919191



**Achromatomaly**  
B18192

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E86593 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 #E86593 looks like.

```
.text, #text, p{  
    color:#E86593  
}
```

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 #E86593 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E86593
}
```

## Border

The CSS property to change the border of an element to Hex E86593 is called "border". The border property can be set on classes, ids or directly on the HTML element.

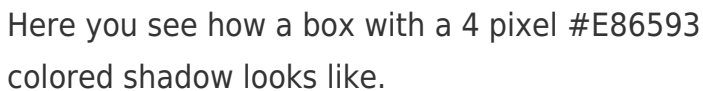
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E86593 }
```

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

```
.border{ border-color:#E86593 }
```

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



Here you see how a box with a 4 pixel #E86593 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E86593; -webkit-box-shadow:4px 4px  
4px 4px #E86593; box-shadow:4px 4px 4px  
4px #E86593 }
```

# Background

The CSS property to change the background color of an element to Hex E86593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E86593 }
```

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

```
.background{ background-color:#E86593 }
```

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