

# Converting Colors

Hex(E086EA)

Have a look what the booklet for  
Hex(E086EA) contains.

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# Color

**Hex(E086EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E086EA
RGB	224, 134, 234
RGB Percent	88%, 53%, 92%
CMY	0.1216, 0.4745, 0.0824
CMYK	0.04, 0.43, 0.00, 0.08
HSL	294°, 70%, 72%
HSV	294°, 43%, 92%
XYZ	54.1168, 38.8380, 82.4861
YIQ	172.3100, 21.5400, 50.1800

# Conversions

## Conversions Part 2

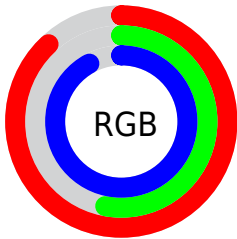
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">224, 134, 234</a>
Decimal	<a href="#">14714602</a>
CIELab	<a href="#">68.63, 49.61, -36.40</a>
CIElCh	<a href="#">69, 61.535, 323.733</a>
Yxy	<a href="#">38.8380, 0.3085, 0.2214</a>
Android (android.graphics.Color)	<a href="#">4292904682 (0xFFE086EA)</a>
YUV	<a href="#">172.3100, 30.4132, 45.3321</a>
Hunter-Lab	<a href="#">62.3201, 45.9435, -34.8514</a>

# Details

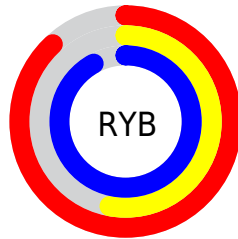
The Hex color **E086EA** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **90EA86**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFBDFF**, and **A751B2** is the 20% darker color. If you saturate the color by 10%, you get **DE6FEA**, and if you desaturate by 10%, it is **E29DEA**.

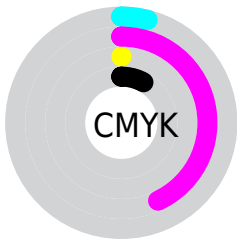
# Distribution



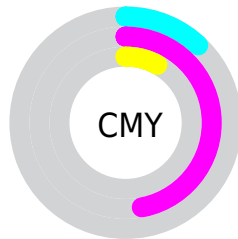
- Red (88%)
- Green (53%)
- Blue (92%)



- Red (88%)
- Yellow (53%)
- Blue (92%)



- Cyan (4%)
- Magenta (43%)
- Yellow (0%)
- Black (8%)



- Cyan (12%)
- Magenta (47%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E086EA 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 E086EA by changing the saturation by 10% instead.



 E086EA

 E086EA

FFFFFF

 C36BCE

 FFBDFD

 A751B2

 FFDADF

 8B3797

 FFF7FF

 701B7D

 560063

 3C004B

 260034

 00011D

 000000

 E086EA

 E086EA

 DE6FEA

 E29DEA

 DB57EA

 E5B5EA

 D940EA

 E7CCEA

 D728EA

 E9E4EA

 D411EA

 ECFBEA

 D300EA

 EEFFEA

 F0FFEA

 F3FFEA

 F5FFEA

# Harmonies

## Analogous

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



959EFF



E086EA



FF75B6

# Triad

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



E086EA



CFA130



00C2D3

# Complementary

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



E086EA



90EA86

# 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.



00C299



E086EA



9AB239

# Square

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



E086EA



F78B4E



52BC62



00BDFE

# Rectangle

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



E086EA



FF7590



52BC62



00C3C0



# Sweetspot

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



E086EA



FCDEFF



8690EA



7D6B80



000000



808080



# Same Dimension

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



E086EA



F27DFF



EA86C2



746A75



A300B5



300036



# Inverse Universe

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



EA8690



FF7D8A



86EAAE



756A6B



B50012

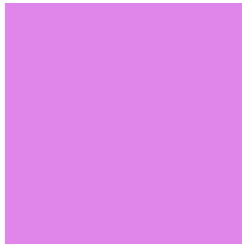


360005



# Previews

## White Background



This preview shows how the Hex color E086EA looks on a white background.

## Color Contrast Check

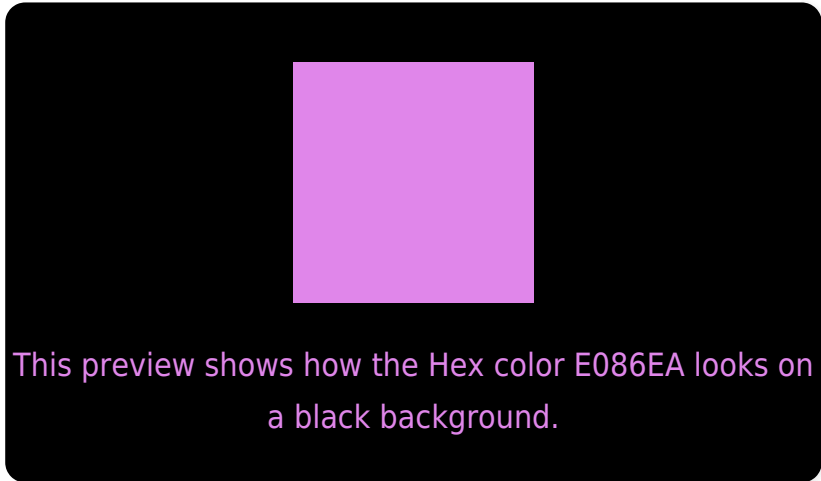
Large Text (above 18pt) WCAG AA × Fail

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

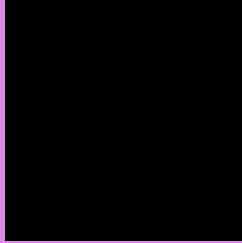
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E086EA Background



This preview shows how black text looks on a background with the Hex color E086EA.

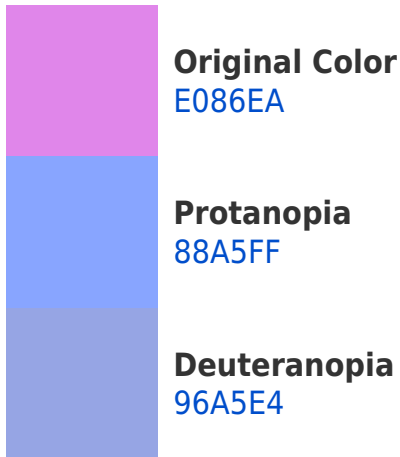


This preview shows how white text looks on a background with the Hex color E086EA.

# 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**  
D696A1

# Trichromacy



**Original Color**  
E086EA



**Protanomaly**  
A89AF7



**Deuteranomaly**  
B19AE6



**Tritanomaly**  
DA90BC

# Monochromacy



**Original Color**  
E086EA



**Achromatopsia**  
ACACAC



**Achromatomaly**  
BF9EC3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E086EA 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 #E086EA looks like.

```
.text, #text, p{  
    color:#E086EA  
}
```

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 #E086EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E086EA
}
```

## Border

The CSS property to change the border of an element to Hex E086EA is called "border". The border property can be set on classes, ids or directly on the HTML element.

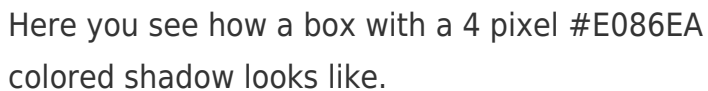
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E086EA }
```

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

```
.border{ border-color:#E086EA }
```

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



Here you see how a box with a 4 pixel #E086EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E086EA; -webkit-box-shadow:4px 4px  
4px 4px #E086EA; box-shadow:4px 4px 4px  
4px #E086EA }
```

# Background

The CSS property to change the background color of an element to Hex E086EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E086EA }
```

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

```
.background{ background-color:#E086EA }
```

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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