

# Converting Colors

Hex(E286EA)

Have a look what the booklet for  
Hex(E286EA) contains.

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# Color

**Hex(E286EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E286EA
RGB	226, 134, 234
RGB Percent	89%, 53%, 92%
CMY	0.1137, 0.4745, 0.0824
CMYK	0.03, 0.43, 0.00, 0.08
HSL	295°, 70%, 72%
HSV	295°, 43%, 92%
XYZ	54.7404, 39.1595, 82.5153
YIQ	172.9080, 22.7320, 50.6040

# Conversions

## Conversions Part 2

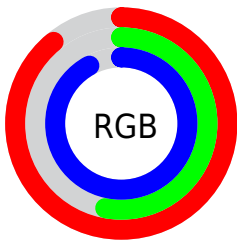
Format	Color
R <sub>Y</sub> B	226, 134, 234
Decimal	14845674
CIE Lab	68.87, 50.20, -36.02
CIE LCh	69, 61.783, 324.336
Yxy	39.1595, 0.3103, 0.2220
Android (android.graphics.Color)	4293035754 (0xFFE286EA)
YUV	172.9080, 30.1184, 46.5617
Hunter-Lab	62.5775, 46.6343, -34.3761

# Details

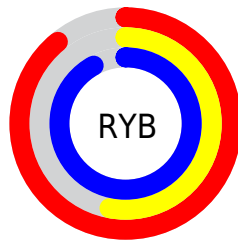
The Hex color **E286EA** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **8EEA86**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFBDFF**, and **A951B2** is the 20% darker color. If you saturate the color by 10%, you get **E06FEA**, and if you desaturate by 10%, it is **E49DEA**.

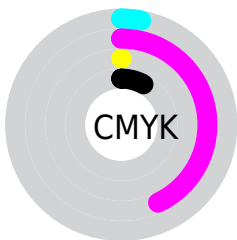
# Distribution



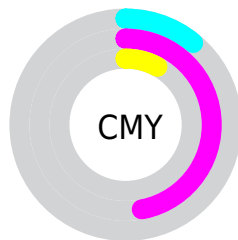
- Red (89%)
- Green (53%)
- Blue (92%)



- Red (89%)
- Yellow (53%)
- Blue (92%)



- Cyan (3%)
- Magenta (43%)
- Yellow (0%)
- Black (8%)



- Cyan (11%)
- Magenta (47%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E286EA 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 E286EA by changing the saturation by 10% instead.



 E286EA

 E286EA

FFFFFF

 C56BCE

 FFBDFD

 A951B2

 FFDADF

 8D3697

 FFF7FF

 721A7D

 580063

 3E004B

 280034

 00001D

 000000

 E286EA

 E286EA

 E06FEA

 E49DEA

 DE57EA

 E6B5EA

 DC40EA

 E8CCEA

 DB28EA

 E9E4EA

 D911EA

 EBFBEA

 D700EA

 EDFFEA

 EFFFEA

 F1FFEA

 F3FFEA

# Harmonies

## Analogous

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



979EFF



E286EA



FF76B5

# Triad

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



E286EA



CFA230



00C3D5

# Complementary

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



E286EA



8EEA86

# 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.



00C29B



E286EA



99B33A

# Square

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



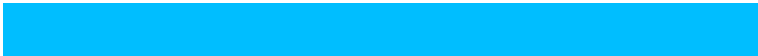
E286EA



F88C4E



51BD64



00BEFF

# Rectangle

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



E286EA



FF758F



51BD64



00C3C2



# Sweetspot

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



E286EA



FCDEFF



868EEA



7E6B80



000000



808080



# Same Dimension

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



E286EA



F57DFF



EA86C0



746A75



A700B5



310036



# Inverse Universe

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



EA868E



FF7D87



86EAB0



756A6B



B5000E



360004



# Previews

## White Background



This preview shows how the Hex color E286EA 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

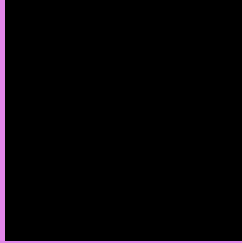
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E286EA Background



This preview shows how black text looks on a background with the Hex color E286EA.

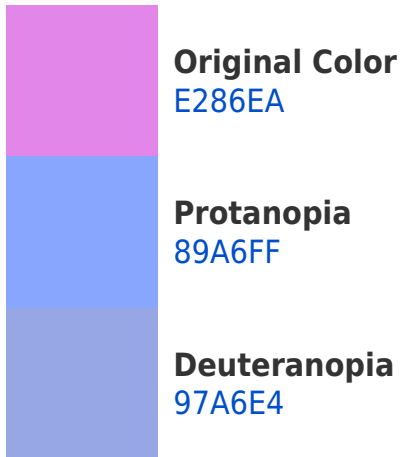


This preview shows how white text looks on a background with the Hex color E286EA.

# 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**  
D896A1

# Trichromacy



**Original Color**  
E286EA



**Protanomaly**  
A99AF7



**Deuteranomaly**  
B29AE6

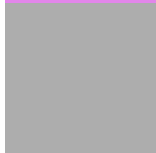


**Tritanomaly**  
DC90BC

# Monochromacy



**Original Color**  
E286EA



**Achromatopsia**  
ADADAD



**Achromatomaly**  
C09FC3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E286EA 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 #E286EA looks like.

```
.text, #text, p{  
    color:#E286EA  
}
```

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 #E286EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E286EA
}
```

## Border

The CSS property to change the border of an element to Hex E286EA 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
#E286EA }
```

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

```
.border{ border-color:#E286EA }
```

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

Here you see how a box with a 4 pixel #E286EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E286EA; -webkit-box-shadow:4px 4px  
4px 4px #E286EA; box-shadow:4px 4px 4px  
4px #E286EA }
```

# Background

The CSS property to change the background color of an element to Hex E286EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E286EA }
```

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

```
.background{ background-color:#E286EA }
```

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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