

Converting Colors

Hex(E186E8)

Have a look what the booklet for
Hex(E186E8) contains.

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Color

Hex(E186E8)

Conversions

Conversions Part 1

Format	Color
Hex	E186E8
RGB	225, 134, 232
RGB Percent	88%, 53%, 91%
CMY	0.1176, 0.4745, 0.0902
CMYK	0.03, 0.42, 0.00, 0.09
HSL	296°, 68%, 72%
HSV	296°, 42%, 91%
XYZ	54.1419, 38.8839, 80.9957
YIQ	172.3810, 22.7780, 49.7700

Conversions

Conversions Part 2

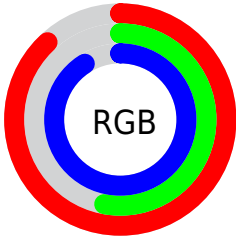
Format	Color
R _Y B	225, 134, 232
Decimal	14780136
CIE _{Lab}	68.67, 49.53, -35.24
CIE _{LCh}	69, 60.789, 324.572
Y _{xy}	38.8839, 0.3111, 0.2234
Android (android.graphics.Color)	4292970216 (0xFFE186E8)
Y _{UV}	172.3810, 29.3922, 46.1469
Hunter-Lab	62.3570, 45.8592, -33.3621

Details

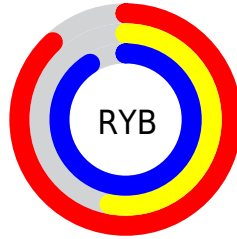
The Hex color **E186E8** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **8DE886**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFBDFF**, and **A851B0** is the 20% darker color. If you saturate the color by 10%, you get **DF6FE8**, and if you desaturate by 10%, it is **E39DE8**.

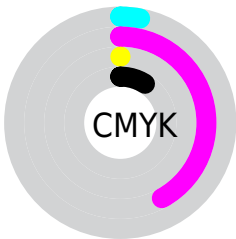
Distribution



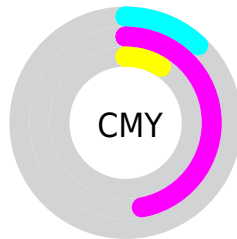
- Red (88%)
- Green (53%)
- Blue (91%)



- Red (88%)
- Yellow (53%)
- Blue (91%)



- Cyan (3%)
- Magenta (42%)
- Yellow (0%)
- Black (9%)



- Cyan (12%)
- Magenta (47%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color E186E8 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 E186E8 by changing the saturation by 10% instead.

 E186E8

FFFFFF

 FFBDFE

 FFDAFF


 FFF7FF

 E186E8

 C46BCC

 A851B0

 8C3795

 711A7B

 570062

 3D0049

 270033

 00011C

 000000

 E186E8

 E186E8

 DF6FE8

 E39DE8

 DE58E8

 E4B4E8

 DC40E8

 E6CCE8

 DA29E8

 E8E3E8

 D912E8

 E9FAE8

 D700E8

 EBFFE8

 EDFFE8

 EEFFE8

 FOFFE8

Harmonies

Analogous

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



989DFF



E186E8



FF76B4

Triad

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



E186E8



CEA132



00C2D4

Complementary

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



E186E8



8DE886

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



E186E8



99B23C

Square

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



E186E8



F68C4E



51BD65



00BDFF

Rectangle

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



E186E8



FF768F



51BD65



00C2C1

Sweetspot

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



E186E8



FDDEFF



868EE8



7E6B80



000000



808080

Same Dimension

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



E186E8



F67DFF



E886BF



726773



A600B3



2F0033

Inverse Universe

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



E8868D



FF7D86



86E8AF



736768



B3000D



330004

Previews

White Background



This preview shows how the Hex color E186E8 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

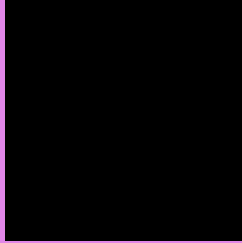
Any Text WCAG AA ✓ Pass

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 E186E8 Background



This preview shows how black text looks on a background with the Hex color E186E8.

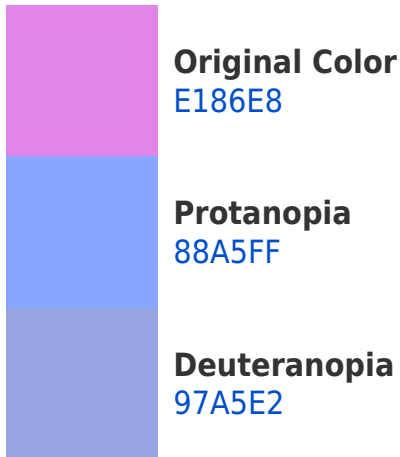


This preview shows how white text looks on a background with the Hex color E186E8.

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
E186E8



Protanomaly
A89AF7



Deuteranomaly
B29AE4



Tritanomaly
DB90BB

Monochromacy



Original Color
E186E8



Achromatopsia
ACACAC



Achromatomaly
BF9EC2

CSS Examples

Text

The CSS property to change the color of the text to Hex E186E8 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 #E186E8 looks like.

```
.text, #text, p{  
    color:#E186E8  
}
```

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 #E186E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E186E8  
}
```

Border

The CSS property to change the border of an element to Hex E186E8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

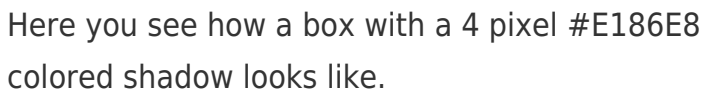
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#E186E8 }
```

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

```
.border{ border-color:#E186E8 }
```

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



Here you see how a box with a 4 pixel #E186E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E186E8; -webkit-box-shadow:4px 4px  
4px 4px #E186E8; box-shadow:4px 4px 4px  
4px #E186E8 }
```

Background

The CSS property to change the background color of an element to Hex E186E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E186E8 }
```

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

```
.background{ background-color:#E186E8 }
```

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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