

# Converting Colors

Hex(E183C9)

Have a look what the booklet for  
Hex(E183C9) contains.

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# **Color**

**Hex(E183C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E183C9
RGB	225, 131, 201
RGB Percent	88%, 51%, 79%
CMY	0.1176, 0.4863, 0.2118
CMYK	0.00, 0.42, 0.11, 0.12
HSL	315°, 61%, 70%
HSV	315°, 42%, 88%
XYZ	49.7103, 36.4572, 59.6753
YIQ	167.0860, 33.5540, 41.6980

# Conversions

## Conversions Part 2

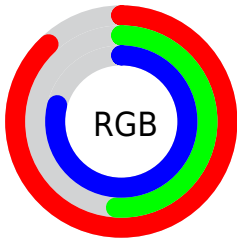
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 131, 201
Decimal	14779337
CIE <sub>Lab</sub>	66.87, 45.66, -20.80
CIE <sub>LCh</sub>	67, 50.171, 335.511
Yxy	36.4572, 0.3408, 0.2500
Android (android.graphics.Color)	4292969417 (0xFFE183C9)
YUV	167.0860, 16.7196, 50.7906
Hunter-Lab	60.3798, 41.2931, -16.3323

# Details

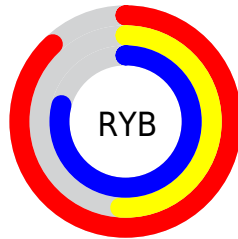
The Hex color **E183C9** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83E19B**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFBAFF**, and **A84E93** is the 20% darker color. If you saturate the color by 10%, you get **E16DC3**, and if you desaturate by 10%, it is **E19ACF**.

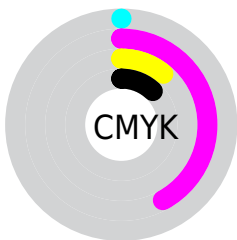
# Distribution



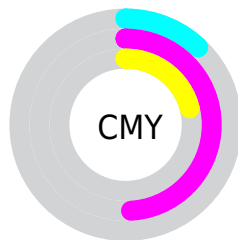
- Red (88%)
- Green (51%)
- Blue (79%)



- Red (88%)
- Yellow (51%)
- Blue (79%)



- Cyan (0%)
- Magenta (42%)
- Yellow (11%)
- Black (12%)




- Cyan (12%)
- Magenta (49%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E183C9 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 E183C9 by changing the saturation by 10% instead.



 E183C9

 E183C9

FFFFFF

 C468AE


 FFBAFF

 A84E93

 FFD6FF

 8C3479

 FFF3FF

 711860

 570048

 3D0031

 27001C

 000000

 E183C9

 E183C9

 E16DC3

 E19ACF

 E156BE


 E1B0D4

 E140B8

 E1C7DA

 E129B2

 E1DDE0

 E113AC

 E1F3E6

 E100A8

 E1FFEB

 E1FFF1

 E1FFF7

 E1FFFD

# Harmonies

## Analogous

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



B194EC



E183C9



F67C9C

# Triad

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



E183C9



B5A345



00B8D6

# Complementary

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



E183C9



83E19B

# 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.



00BAAA



E183C9



86AF56

# Square

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



E183C9



DB9350



46B77C



00B1F4

# Rectangle

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



E183C9



F67F7E



46B77C



00B9C8



# Sweetspot

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



E183C9



FFDEF7



9B83E1



806B7A



000000



808080



# Same Dimension

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



E183C9



FF80DE



E1839B



70656D



B00083



300024



# Inverse Universe

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



E183C9



FF80DE



83E1CA



70656D



B00083



300024



# Previews

## White Background



This preview shows how the Hex color E183C9 looks on a white background.

## Color Contrast Check

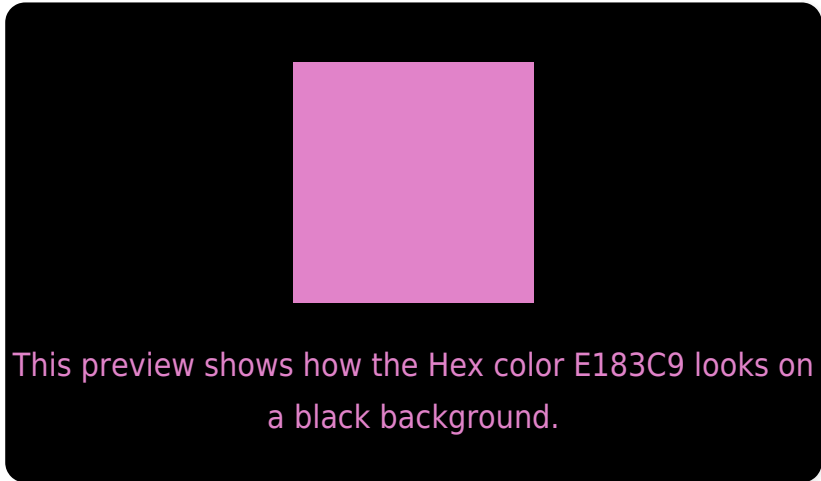
Large Text (above 18pt) WCAG AA × Fail

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 E183C9 Background



This preview shows how black text looks on a background with the Hex color E183C9.

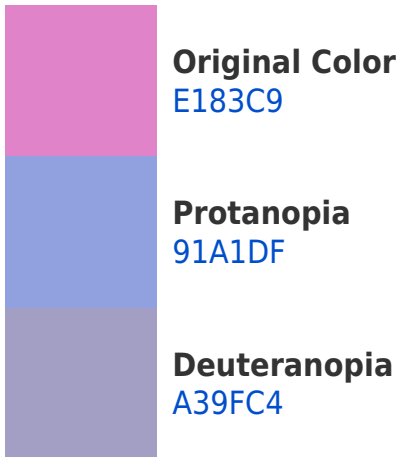


This preview shows how white text looks on a background with the Hex color E183C9.

# 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**  
DB8D98

# Trichromacy



**Original Color**  
E183C9



**Protanomaly**  
AE96D7



**Deuteranomaly**  
BA95C6

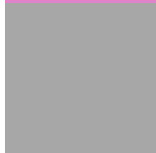


**Tritanomaly**  
DD89AA

# Monochromacy



**Original Color**  
E183C9



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
BC9AB3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E183C9 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 #E183C9 looks like.

```
.text, #text, p{  
    color:#E183C9  
}
```

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 #E183C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E183C9
}
```

## Border

The CSS property to change the border of an element to Hex E183C9 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
#E183C9 }
```

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

```
.border{ border-color:#E183C9 }
```

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

Here you see how a box with a 4 pixel #E183C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E183C9; -webkit-box-shadow:4px 4px  
4px 4px #E183C9; box-shadow:4px 4px 4px  
4px #E183C9 }
```

# Background

The CSS property to change the background color of an element to Hex E183C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E183C9 }
```

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

```
.background{ background-color:#E183C9 }
```

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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