

Converting Colors

Hex(E185E2)

Have a look what the booklet for
Hex(E185E2) contains.

Hex(E185E2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E185E2)

Conversions

Conversions Part 1

Format	Color
Hex	E185E2
RGB	225, 133, 226
RGB Percent	88%, 52%, 89%
CMY	0.1176, 0.4784, 0.1137
CMYK	0.00, 0.41, 0.00, 0.11
HSL	299°, 62%, 70%
HSV	299°, 41%, 89%
XYZ	53.1663, 38.2736, 76.5369
YIQ	171.1100, 24.9790, 48.4270

Conversions

Conversions Part 2

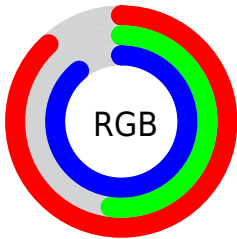
Format	Color
R _Y B	225, 133, 226
Decimal	14779874
CIE _{Lab}	68.22, 48.95, -32.62
CIE _{LCh}	68, 58.821, 326.322
Y _{xy}	38.2736, 0.3165, 0.2279
Android (android.graphics.Color)	4292969954 (0xFFE185E2)
YUV	171.1100, 27.0608, 47.2615
Hunter-Lab	61.8657, 45.1351, -30.0444

Details

The Hex color **E185E2** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **86E285**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFBCFF**, and **A850AA** is the 20% darker color. If you saturate the color by 10%, you get **E16EE2**, and if you desaturate by 10%, it is **E19CE2**.

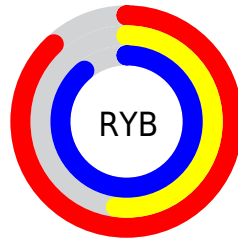
Distribution



Red (88%)

Green (52%)

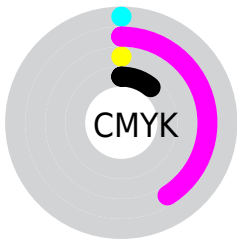
Blue (89%)



Red (88%)

Yellow (52%)

Blue (89%)

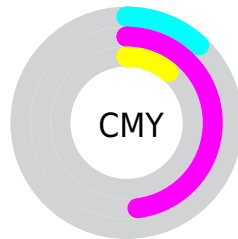


Cyan (0%)

Magenta (41%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (48%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color E185E2 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 E185E2 by changing the saturation by 10% instead.

 E185E2

 E185E2

FFFFFF

 C46AC6


 FFBCFF

 A850AA

 FFD9FF

 8C3690

 FFF6FF

 711976

 57005D

 3D0045

 27002E

 000118


 000000

 E185E2

 E185E2

 E16EE2

 E19CE2

 E158E2

 E1B2E2

 E041E2

 E2C9E2

 E02BE2

 E2DFE2

 E014E2

 E2F6E2

 E000E2

 E2FFE2

 E3FFE2

Harmonies

Analogous

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



9D9BFF



E185E2



FF77AF

Triad

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



E185E2



C9A135



00C0D4

Complementary

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



E185E2



86E285

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.



00C09E



E185E2



95B140

Square

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



E185E2



F18D4E



4FBB69



00BAFE

Rectangle

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



E185E2



FF788B



4FBB69



00C0C3

Sweetspot

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



E185E2



FFE0FF



8587E2



7F6E80



000000



808080

Same Dimension

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



E185E2



FE82FF



E285B5



706570



AE00B0



300030

Inverse Universe

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



E28586



FF8283



85E2B2



706565



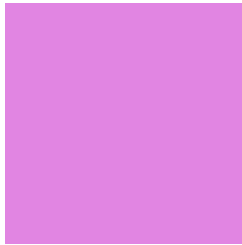
B00002



300001

Previews

White Background



This preview shows how the Hex color E185E2 looks on a white background.

Color Contrast Check

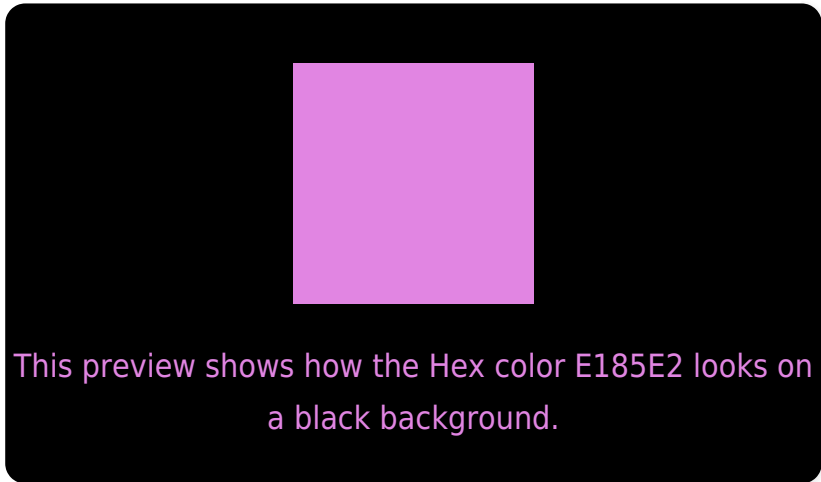
Large Text (above 18pt) WCAG AA × Fail

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

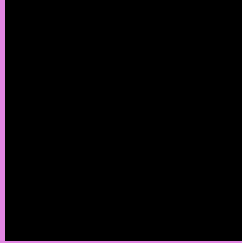
Any Text WCAG AA ✓ Pass

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 E185E2 Background



This preview shows how black text looks on a background with the Hex color E185E2.

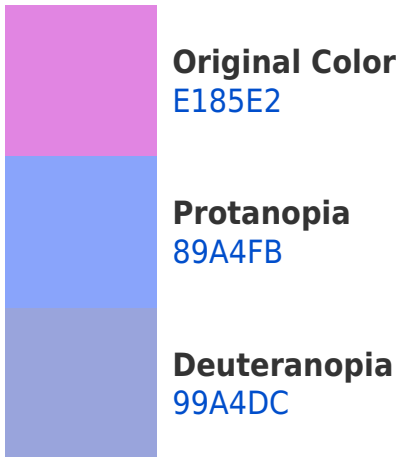



This preview shows how white text looks on a background with the Hex color E185E2.

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
D8949F

Trichromacy



Original Color
E185E2



Protanomaly
A999F2



Deuteranomaly
B399DE

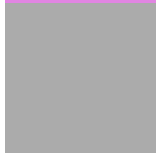


Tritanomaly
DB8FB7

Monochromacy



Original Color
E185E2



Achromatopsia
ABABAB



Achromatomaly
BF9DBF

CSS Examples

Text

The CSS property to change the color of the text to Hex E185E2 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 #E185E2 looks like.

```
.text, #text, p{  
    color:#E185E2  
}
```

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 #E185E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E185E2
}
```

Border

The CSS property to change the border of an element to Hex E185E2 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
#E185E2 }
```

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

```
.border{ border-color:#E185E2 }
```

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

Here you see how a box with a 4 pixel #E185E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E185E2; -webkit-box-shadow:4px 4px  
4px 4px #E185E2; box-shadow:4px 4px 4px  
4px #E185E2 }
```

Background

The CSS property to change the background color of an element to Hex E185E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E185E2 }
```

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

```
.background{ background-color:#E185E2 }
```

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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