

Converting Colors

Hex(E595EE)

Have a look what the booklet for
Hex(E595EE) contains.

Hex(E595EE)	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(E595EE)

Conversions

Conversions Part 1

Format	Color
Hex	E595EE
RGB	229, 149, 238
RGB Percent	90%, 58%, 93%
CMY	0.1020, 0.4157, 0.0667
CMYK	0.04, 0.37, 0.00, 0.07
HSL	294°, 72%, 76%
HSV	294°, 37%, 93%
XYZ	58.4932, 44.3260, 86.3618
YIQ	183.0660, 19.1110, 44.6390

Conversions

Conversions Part 2

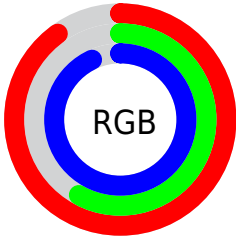
Format	Color
R _Y B	229, 149, 238
Decimal	15046126
CIE Lab	72.45, 44.06, -32.64
CIE LCh	72, 54.837, 323.472
Yxy	44.3260, 0.3092, 0.2343
Android (android.graphics.Color)	4293236206 (0xFFE595EE)
YUV	183.0660, 27.0825, 40.2841
Hunter-Lab	66.5777, 40.3136, -30.3040

Details

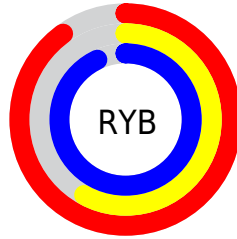
The Hex color **E595EE** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **9EEE95**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFCCFF**, and **AC60B6** is the 20% darker color. If you saturate the color by 10%, you get **E37DEE**, and if you desaturate by 10%, it is **E7ADEE**.

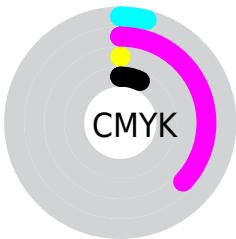
Distribution



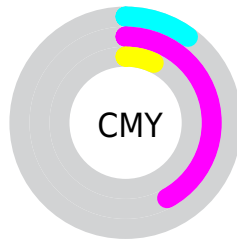
- Red (90%)
- Green (58%)
- Blue (93%)



- Red (90%)
- Yellow (58%)
- Blue (93%)



- Cyan (4%)
- Magenta (37%)
- Yellow (0%)
- Black (7%)



- Cyan (10%)
- Magenta (42%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color E595EE 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 E595EE by changing the saturation by 10% instead.

 E595EE

FFFFFF

 FFCCFF

 FFE9FF

 E595EE

 C87AD2

 AC60B6

 91479B

 762D80

 5C1167

 42004F

 2B0037

 060021

 000006

 E595EE

 E595EE

 E37DEE

 E7ADEE

 E065EE

 EAC5EE

 DE4EEE

 ECDCEE

 DB36EE

 EFF4EE

 D91EEE

 F1FFEE

 D706EE

 F3FFEE

 D600EE

 F6FFEE

 F8FFEE

 FBFFEE

Harmonies

Analogous

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



A3A9FF



E595EE



FF88BF

Triad

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



E595EE



D8AB4B



00CBD8

Complementary

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



E595EE



9EEE95

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.



00CAA5



E595EE



A8BB51

Square

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



E595EE



FD9962



6BC574



00C6FF

Rectangle

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



E595EE



FF879D



6BC574



00CBC7

Sweetspot

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



E595EE



FCE3FF



959FEE



7E6F80



000000



808080

Same Dimension

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



E595EE



F38CFF



EE95CC



776C78



A500B8



320038

Inverse Universe

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



EE959E



FF8C98



95EEB7



786C6D



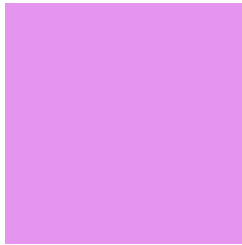
B80013



380006

Previews

White Background



This preview shows how the Hex color E595EE 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 E595EE Background



This preview shows how black text looks on a background with the Hex color E595EE.

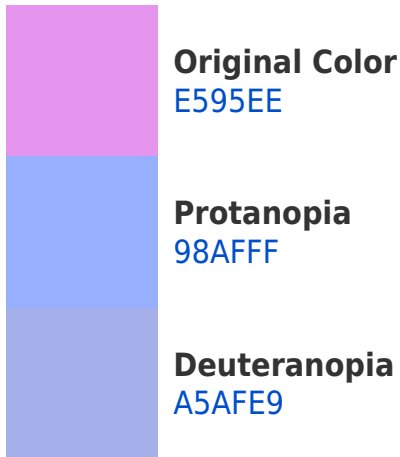


This preview shows how white text looks on a background with the Hex color E595EE.

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
DCA2AF

Trichromacy



Original Color
E595EE



Protanomaly
B4A6F9



Deuteranomaly
BCA6EB



Tritanomaly
DF9DC6

Monochromacy



Original Color
E595EE



Achromatopsia
B7B7B7



Achromatomaly
C8ABCB

CSS Examples

Text

The CSS property to change the color of the text to Hex E595EE 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 #E595EE looks like.

```
.text, #text, p{  
    color:#E595EE  
}
```

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 #E595EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E595EE
}
```

Border

The CSS property to change the border of an element to Hex E595EE 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
#E595EE }
```

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

```
.border{ border-color:#E595EE }
```

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

Here you see how a box with a 4 pixel #E595EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E595EE; -webkit-box-shadow:4px 4px  
4px 4px #E595EE; box-shadow:4px 4px 4px  
4px #E595EE }
```

Background

The CSS property to change the background color of an element to Hex E595EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E595EE }
```

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

```
.background{ background-color:#E595EE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor