

Converting Colors

Hex(E587E5)

Have a look what the booklet for
Hex(E587E5) contains.

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Color

Hex(E587E5)

Conversions

Conversions Part 1

Format	Color
Hex	E587E5
RGB	229, 135, 229
RGB Percent	90%, 53%, 90%
CMY	0.1020, 0.4706, 0.1020
CMYK	0.00, 0.41, 0.00, 0.10
HSL	300°, 64%, 71%
HSV	300°, 41%, 90%
XYZ	55.1199, 39.6431, 78.8755
YIQ	173.8220, 25.8500, 49.1620

Conversions

Conversions Part 2

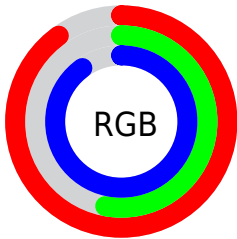
Format	Color
R _Y B	229, 135, 229
Decimal	15042533
CIE _{Lab}	69.21, 49.65, -32.70
CIE _{LCh}	69, 59.455, 326.634
Yxy	39.6431, 0.3174, 0.2283
Android (android.graphics.Color)	4293232613 (0xFFE587E5)
YUV	173.8220, 27.2028, 48.3911
Hunter-Lab	62.9628, 46.0806, -30.2006

Details

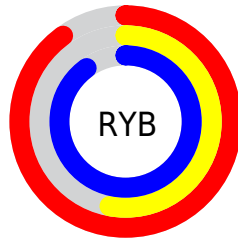
The Hex color **E587E5** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **87E587**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFBEFF**, and **AC52AD** is the 20% darker color. If you saturate the color by 10%, you get **E570E5**, and if you desaturate by 10%, it is **E59EE5**.

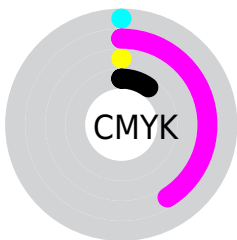
Distribution



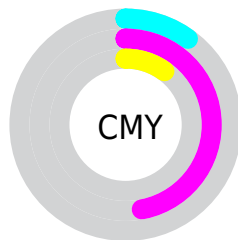
- Red (90%)
- Green (53%)
- Blue (90%)



- Red (90%)
- Yellow (53%)
- Blue (90%)



- Cyan (0%)
- Magenta (41%)
- Yellow (0%)
- Black (10%)



- Cyan (10%)
- Magenta (47%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color E587E5 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 E587E5 by changing the saturation by 10% instead.

 E587E5

FFFFFF

 FFBEFF

 FFDBFF

 FFF8FF

 E587E5

 C86CC9

 AC52AD

 903792

 751B78

 5A005F

 400047

 2B0030

 00001A

 000000

 E587E5

 E587E5

 E570E5

 E59EE5

 E559E5

 E5B5E5

 E542E5

 E5CCE5

 E52BE5

 E5E3E5

 E514E5

 E5FAE5

 E500E5

 E5FFE5

Harmonies

Analogous

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



A09DFF



E587E5



FF79B1

Triad

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



E587E5



CCA436



00C3D8

Complementary

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



E587E5



87E587

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.



00C3A1



E587E5



97B442

Square

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



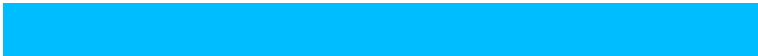
E587E5



F4904F



50BE6B



00BDFF

Rectangle

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



E587E5



FF7A8D



50BE6B



00C3C6

Sweetspot

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



E587E5



FFE0FF



8787E5



806E80



000000



808080

Same Dimension

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



E587E5



FF82FF



E587B6



736773



B300B3



330033

Inverse Universe

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



E587E5



FF82FF



87E5B6



736773



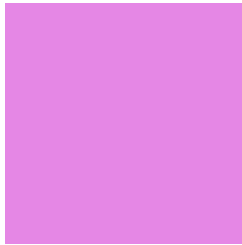
B300B3



330033

Previews

White Background



This preview shows how the Hex color E587E5 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 E587E5 Background



This preview shows how black text looks on a background with the Hex color E587E5.



This preview shows how white text looks on a background with the Hex color E587E5.

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
DC96A1

Trichromacy



Original Color
E587E5



Protanomaly
AC9BF5



Deuteranomaly
B79BE1



Tritanomaly
DF91BA

Monochromacy



Original Color
E587E5



Achromatopsia
AEAEAE



Achromatomaly
C2A0C2

CSS Examples

Text

The CSS property to change the color of the text to Hex E587E5 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 #E587E5 looks like.

```
.text, #text, p{  
    color:#E587E5  
}
```

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 #E587E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E587E5
}
```

Border

The CSS property to change the border of an element to Hex E587E5 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
#E587E5 }
```

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

```
.border{ border-color:#E587E5 }
```

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

Here you see how a box with a 4 pixel #E587E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E587E5; -webkit-box-shadow:4px 4px  
4px 4px #E587E5; box-shadow:4px 4px 4px  
4px #E587E5 }
```

Background

The CSS property to change the background color of an element to Hex E587E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E587E5 }
```

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

```
.background{ background-color:#E587E5 }
```

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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