

Converting Colors

Hex(E584CB)

Have a look what the booklet for
Hex(E584CB) contains.

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Color

Hex(E584CB)

Conversions

Conversions Part 1

Format	Color
Hex	E584CB
RGB	229, 132, 203
RGB Percent	90%, 52%, 80%
CMY	0.1020, 0.4824, 0.2039
CMYK	0.00, 0.42, 0.11, 0.10
HSL	316°, 65%, 71%
HSV	316°, 42%, 90%
XYZ	51.3439, 37.4723, 61.0267
YIQ	169.0970, 35.0210, 42.6450

Conversions

Conversions Part 2

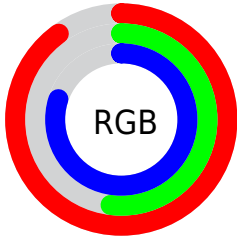
Format	Color
R _Y B	229, 132, 203
Decimal	15041739
CIE Lab	67.63, 46.74, -20.71
CIE LCh	68, 51.120, 336.102
Yxy	37.4723, 0.3427, 0.2501
Android (android.graphics.Color)	4293231819 (0xFFE584CB)
YUV	169.0970, 16.7142, 52.5349
Hunter-Lab	61.2147, 42.5914, -16.2577

Details

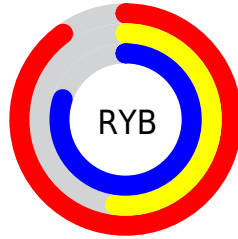
The Hex color **E584CB** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84E59E**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFBBFF**, and **AC4F95** is the 20% darker color. If you saturate the color by 10%, you get **E56DC5**, and if you desaturate by 10%, it is **E59BD1**.

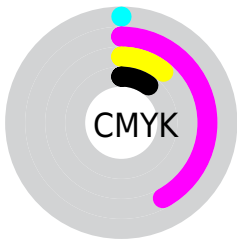
Distribution



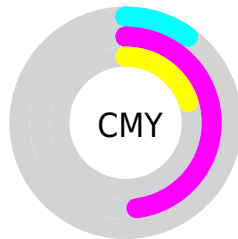
- Red (90%)
- Green (52%)
- Blue (80%)



- Red (90%)
- Yellow (52%)
- Blue (80%)



- Cyan (0%)
- Magenta (42%)
- Yellow (11%)
- Black (10%)



- Cyan (10%)
- Magenta (48%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color E584CB 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 E584CB by changing the saturation by 10% instead.

 E584CB

 E584CB

FFFFFF

 C869AF

 FFBBFF

 AC4F95

 FFD7FF

 90357B

 FFF4FF

 751962

 5A004A

 410033

 2A001E

 000000

 E584CB

 E584CB

 E56DC5

 E59BD1

 E556BF

 E5B2D7

 E53FB9

 E5C9DD

 E528B2

 E5E0E4

 E512AC

 E5F7EA

 E500A8

 E5FFF0

 E5FFF6

 E5FFFC

 E5FFFF

Harmonies

Analogous

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



B495EF



E584CB



FA7D9D

Triad

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



E584CB



B7A545



00BADA

Complementary

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



E584CB



84E59E

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.



00BCAD



E584CB



86B257

Square

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



E584CB



DD9550



44B97E



00B3F8

Rectangle

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



E584CB



FA817F



44B97E



00BBCC

Sweetspot

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



E584CB



FFDEF6



9E84E5



806B7A



000000



808080

Same Dimension

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



E584CB



FF7DDC



E5849B



736770



B30083



330025

Inverse Universe

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



E584CB



FF7DDC



84E5CE



736770



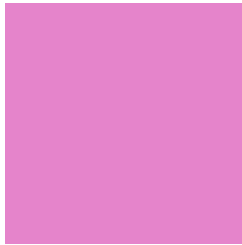
B30083



330025

Previews

White Background



This preview shows how the Hex color E584CB 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 E584CB Background



This preview shows how black text looks on a background with the Hex color E584CB.

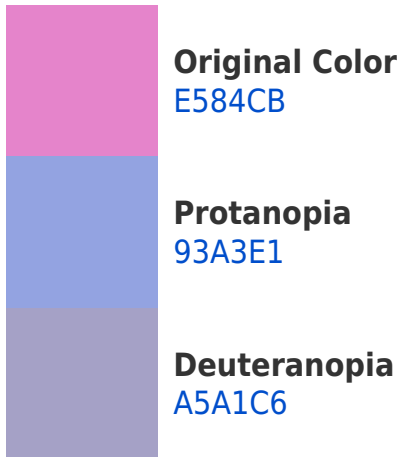


This preview shows how white text looks on a background with the Hex color E584CB.

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
DF8E99

Trichromacy



Original Color
E584CB



Protanomaly
B198D9



Deuteranomaly
BC96C8



Tritanomaly
E18AAB

Monochromacy



Original Color
E584CB



Achromatopsia
A9A9A9



Achromatomaly
BF9CB5

CSS Examples

Text

The CSS property to change the color of the text to Hex E584CB 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 #E584CB looks like.

```
.text, #text, p{  
    color:#E584CB  
}
```

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 #E584CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E584CB
}
```

Border

The CSS property to change the border of an element to Hex E584CB 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
#E584CB }
```

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

```
.border{ border-color:#E584CB }
```

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

Here you see how a box with a 4 pixel #E584CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E584CB; -webkit-box-shadow:4px 4px  
4px 4px #E584CB; box-shadow:4px 4px 4px  
4px #E584CB }
```

Background

The CSS property to change the background color of an element to Hex E584CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E584CB }
```

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

```
.background{ background-color:#E584CB }
```

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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