

Converting Colors

Hex(E575AF)

Have a look what the booklet for
Hex(E575AF) contains.

Hex(E575AF)	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(E575AF)

Conversions

Conversions Part 1

Format	Color
Hex	E575AF
RGB	229, 117, 175
RGB Percent	90%, 46%, 69%
CMY	0.1020, 0.5412, 0.3137
CMYK	0.00, 0.49, 0.24, 0.10
HSL	329°, 68%, 68%
HSV	329°, 49%, 90%
XYZ	46.4123, 32.4757, 44.3797
YIQ	157.1000, 48.1340, 41.7820

Conversions

Conversions Part 2

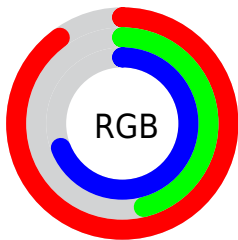
Format	Color
R_{YB}	229, 117, 175
Decimal	15037871
CIE _{Lab}	63.73, 50.05, -10.81
CIE _{LCh}	64, 51.206, 347.807
Yxy	32.4757, 0.3765, 0.2635
Android (android.graphics.Color)	4293227951 (0xFFE575AF)
YUV	157.1000, 8.8247, 63.0563
Hunter-Lab	56.9875, 45.6474, -6.2816

Details

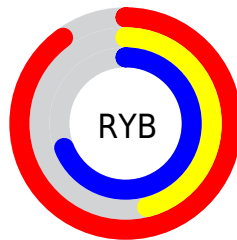
The Hex color **E575AF** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **75E5AB**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFACE7**, and **AB3F7B** is the 20% darker color. If you saturate the color by 10%, you get **E55EA4**, and if you desaturate by 10%, it is **E58CBA**.

Distribution



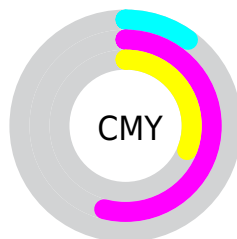
- Red (90%)
- Green (46%)
- Blue (69%)



- Red (90%)
- Yellow (46%)
- Blue (69%)



- Cyan (0%)
- Magenta (49%)
- Yellow (24%)
- Black (10%)



- Cyan (10%)
- Magenta (54%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color E575AF 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 E575AF by changing the saturation by 10% instead.

 E575AF

 E575AF

FFFFFF

 C85A94

 FFACE7

 AB3F7B

 FFC8FF

 8F2362

 FFE5FF

 73004A

 580033

 3E001E

 250001

 000000

 E575AF

 E575AF

 E55EA4

 E58CBA

 E54799

 E5A3C5

 E5308E

 E5BAD0

 E51983

 E5D1DB

 E50278

 E5E8E6

 E50077

 E5FEF1

 E5FFFC

 E5FFFF

Harmonies

Analogous

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



C083D8



E575AF



F07481

Triad

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



E575AF



9AA03F



00AEDD

Complementary

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



E575AF



75E5AB

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.



00B1B5



E575AF



65AB5B

Square

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



E575AF



C4913E



00B086



00A5F3

Rectangle

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



E575AF



E97B65



00B086



00AFD1

Sweetspot

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



E575AF



FFD9ED



A975E5



806974



000000



808080

Same Dimension

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



E575AF



FF69B6



E57579



73676D



B3005C



33001A

Inverse Universe

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



E575AF



FF69B6



75E5E1



73676D



B3005C



33001A

Previews

White Background



This preview shows how the Hex color E575AF looks on a white background.

Color Contrast Check

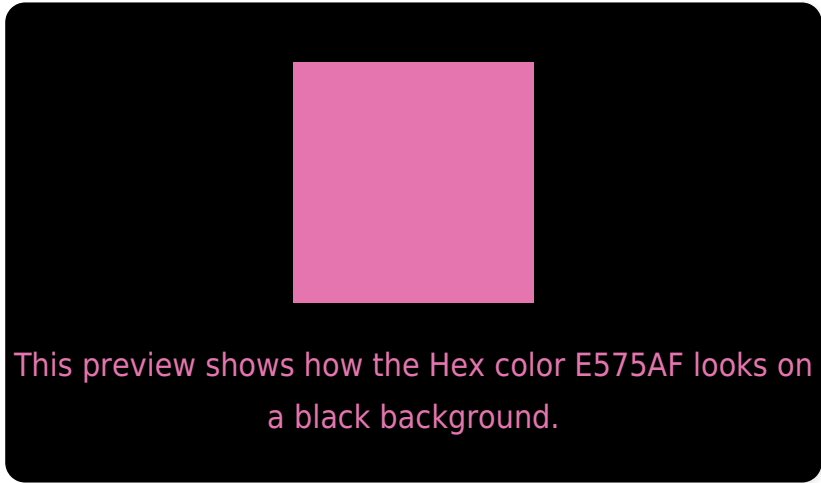
Large Text (above 18pt) WCAG AA × Fail

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 E575AF Background



This preview shows how black text looks on a background with the Hex color E575AF.

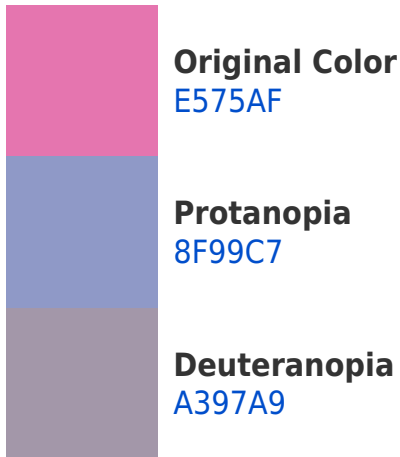


This preview shows how white text looks on a background with the Hex color E575AF.

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



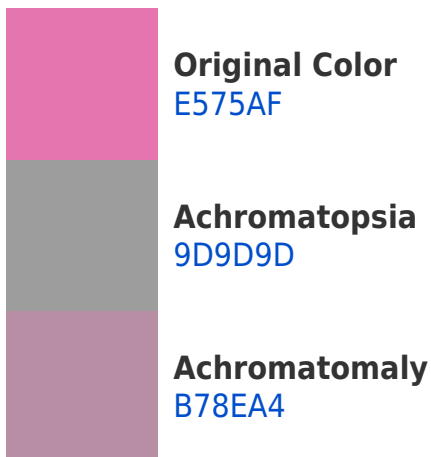


Tritanopia
E17D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E575AF 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 #E575AF looks like.

```
.text, #text, p{  
    color:#E575AF  
}
```

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 #E575AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E575AF
}
```

Border

The CSS property to change the border of an element to Hex E575AF 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
#E575AF }
```

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

```
.border{ border-color:#E575AF }
```

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

Here you see how a box with a 4 pixel #E575AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E575AF; -webkit-box-shadow:4px 4px  
4px 4px #E575AF; box-shadow:4px 4px 4px  
4px #E575AF }
```

Background

The CSS property to change the background color of an element to Hex E575AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E575AF }
```

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

```
.background{ background-color:#E575AF }
```

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