

Converting Colors

Hex(E96EAF)

Have a look what the booklet for
Hex(E96EAF) contains.

Hex(E96EAF)	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(E96EAF)

Conversions

Conversions Part 1

Format	Color
Hex	E96EAF
RGB	233, 110, 175
RGB Percent	91%, 43%, 69%
CMY	0.0863, 0.5686, 0.3137
CMYK	0.00, 0.53, 0.25, 0.09
HSL	328°, 74%, 67%
HSV	328°, 53%, 91%
XYZ	46.9181, 31.5706, 44.1783
YIQ	154.1870, 52.4430, 46.2910

Conversions

Conversions Part 2

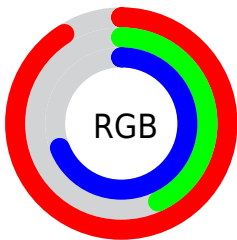
Format	Color
R _{YB}	233, 110, 175
Decimal	15298223
CIE Lab	62.99, 54.70, -11.88
CIE LCh	63, 55.974, 347.747
Yxy	31.5706, 0.3825, 0.2574
Android (android.graphics.Color)	4293488303 (0xFFE96EAF)
YUV	154.1870, 10.2608, 69.1190
Hunter-Lab	56.1878, 50.7230, -7.2861

Details

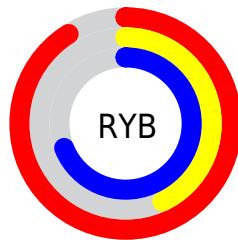
The Hex color **E96EAF** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6EE9A8**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFA5E7**, and **AE377B** is the 20% darker color. If you saturate the color by 10%, you get **E957A4**, and if you desaturate by 10%, it is **E985BA**.

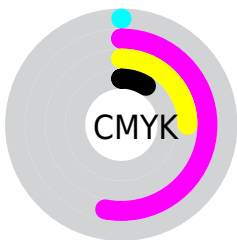
Distribution



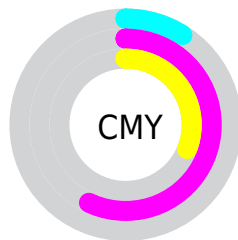
- Red (91%)
- Green (43%)
- Blue (69%)



- Red (91%)
- Yellow (43%)
- Blue (69%)



- Cyan (0%)
- Magenta (53%)
- Yellow (25%)
- Black (9%)



- Cyan (9%)
- Magenta (57%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color E96EAF 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 E96EAF by changing the saturation by 10% instead.

 E96EAF

 E96EAF

FFFFFF

 CB5394

 FFA5E7

 AE377B

 FFC2FF

 921662

 FFDFFF

 76004A

 FFFCFF

 5A0033

 40001E

 260001

 000000

 E96EAF

 E96EAF

 E957A4

 E985BA

 E93F99

 E99DC5

 E9288E

 E9B4D0

 E91183

 E9CBDB

 E9007B

 E9E3E6

 E9FAF1

 E9FFFC

 E9FFFF

Harmonies

Analogous

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



C17FDC



E96EAF



F46D7D

Triad

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



E96EAF



979F32



00ADE1

Complementary

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



E96EAF



6EE9A8

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



E96EAF



5DAA52

Square

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



E96EAF



C58F32



00AF82



00A4F9

Rectangle

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



E96EAF



ED755E



00AF82



00AFD4

Sweetspot

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



E96EAF



FFD6EC



A76EE9



806774



000000



808080

Same Dimension

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



E96EAF



FF5EB3



E96E72



756A70



B50060



36001C

Inverse Universe

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



E96EAF



FF5EB3



6EE9E5



756A70



B50060



36001C

Previews

White Background



This preview shows how the Hex color E96EAF looks on a white background.

Color Contrast Check

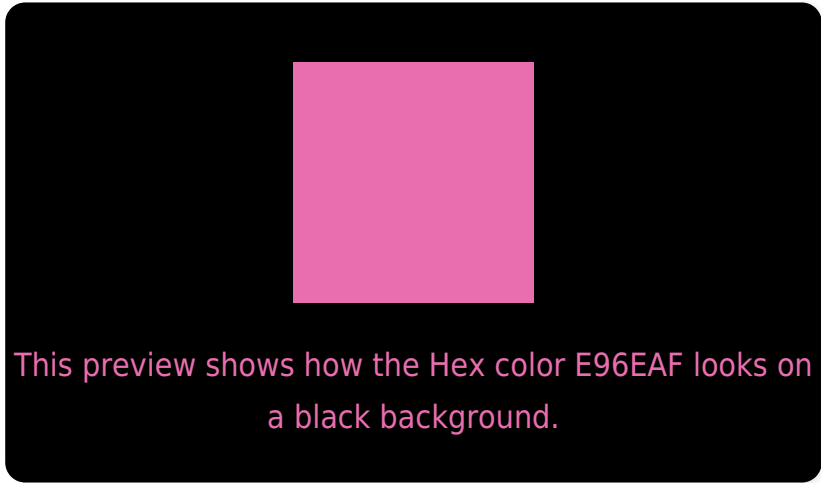
Large Text (above 18pt) WCAG AA × Fail

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 E96EAF Background



This preview shows how black text looks on a background with the Hex color E96EAF.

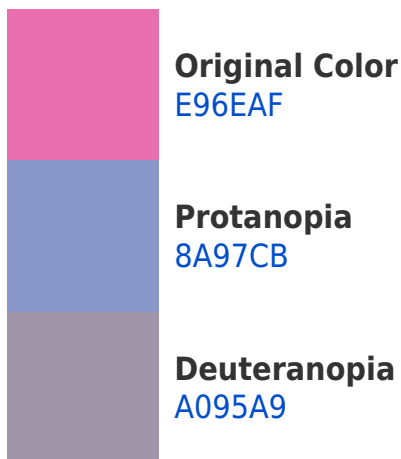


This preview shows how white text looks on a background with the Hex color E96EAF.

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
E57880

Trichromacy



Original Color
E96EAF



Protanomaly
AD88C1



Deuteranomaly
BB87AB

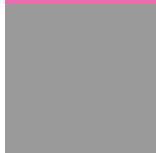


Tritanomaly
E67491

Monochromacy



Original Color
E96EAF



Achromatopsia
9A9A9A



Achromatomaly
B78AA2

CSS Examples

Text

The CSS property to change the color of the text to Hex E96EAF 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 #E96EAF looks like.

```
.text, #text, p{  
    color:#E96EAF  
}
```

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 #E96EAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E96EAF
}
```

Border

The CSS property to change the border of an element to Hex E96EAF 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
#E96EAF }
```

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

```
.border{ border-color:#E96EAF }
```

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

Here you see how a box with a 4 pixel #E96EAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E96EAF; -webkit-box-shadow:4px 4px  
4px 4px #E96EAF; box-shadow:4px 4px 4px  
4px #E96EAF }
```

Background

The CSS property to change the background color of an element to Hex E96EAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E96EAF }
```

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

```
.background{ background-color:#E96EAF }
```

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