

Converting Colors

Hex(E86AED)

Have a look what the booklet for
Hex(E86AED) contains.

Hex(E86AED)	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(E86AED)

Conversions

Conversions Part 1

Format	Color
Hex	E86AED
RGB	232, 106, 237
RGB Percent	91%, 42%, 93%
CMY	0.0902, 0.5843, 0.0706
CMYK	0.02, 0.55, 0.00, 0.07
HSL	298°, 78%, 67%
HSV	298°, 55%, 93%
XYZ	53.7188, 33.5783, 83.7707
YIQ	158.6080, 33.0450, 67.4530

Conversions

Conversions Part 2

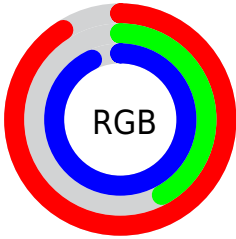
Format	Color
RYB	232, 106, 237
Decimal	15231725
CIELab	64.63, 65.87, -44.25
CIELCh	65, 79.352, 326.106
Yxy	33.5783, 0.3140, 0.1963
Android (android.graphics.Color)	4293421805 (0xFFE86AED)
YUV	158.6080, 38.6473, 64.3648
Hunter-Lab	57.9468, 64.0692, -45.1498

Details

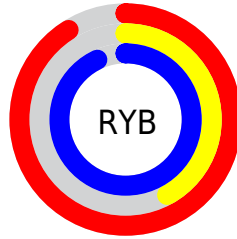
The Hex color **E86AED** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **6FED6A**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFA3FF**, and **AD2FB5** is the 20% darker color. If you saturate the color by 10%, you get **E752ED**, and if you desaturate by 10%, it is **E982ED**.

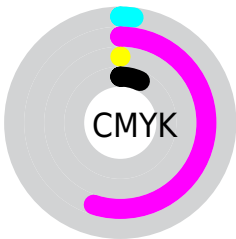
Distribution



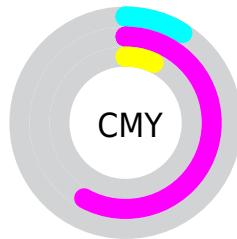
- Red (91%)
- Green (42%)
- Blue (93%)



- Red (91%)
- Yellow (42%)
- Blue (93%)



- Cyan (2%)
- Magenta (55%)
- Yellow (0%)
- Black (7%)



- Cyan (9%)
- Magenta (58%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color E86AED 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 E86AED by changing the saturation by 10% instead.

 E86AED

 E86AED

FFFFFF

 CA4DD0

 FFA3FF

 AD2FB5

 FFBFFF

 910099

 FFDCCF


 75007F

 FFFAFF

 590065

 3F004D

 240035

 00021F

 000001

 E86AED

 E86AED

 E752ED

 E982ED

 E63BED

 EA99ED

 E523ED

 EBB1ED

 E40BED

 ECC9ED

 E400ED

 EDE1ED

 EDF8ED

 EEFFED

 EFFFED

 FOFFED

Harmonies

Analogous

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



848EFF



E86AED



FF4DA9

Triad

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



E86AED



C49700



00BCD9

Complementary

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



E86AED



6FED6A

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.



00BC91



E86AED



80AB00

Square

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



E86AED



F8781E



00B647



00B7FF

Rectangle

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



E86AED



FF4F7A



00B647



00BDC2

Sweetspot

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



E86AED



FDD4FF



6A71ED



7F6680



000000



808080

Same Dimension

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



E86AED



F957FF



ED6AB2



756A75



AE00B5



340036

Inverse Universe

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



ED6A6F



FF575D



6AEDA5



756A6A



B50007



360002

Previews

White Background



This preview shows how the Hex color E86AED 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

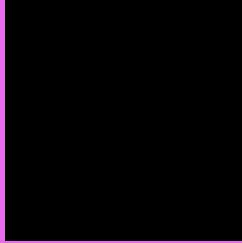
Any Text WCAG AA ✓ Pass

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 E86AED Background



This preview shows how black text looks on a background with the Hex color E86AED.

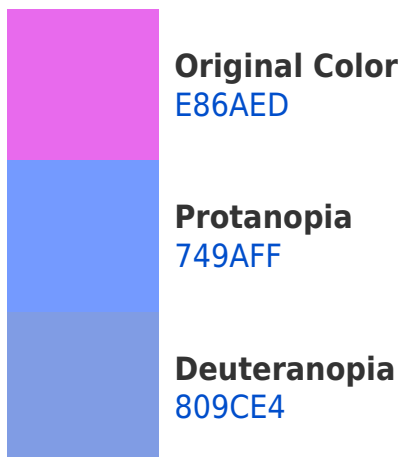



This preview shows how white text looks on a background with the Hex color E86AED.

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
DC838D

Trichromacy



Original Color
E86AED



Protanomaly
9E89F8



Deuteranomaly
A68AE7



Tritanomaly
E07AB0

Monochromacy



Original Color
E86AED



Achromatopsia
9F9F9F



Achromatomaly
BA8CBB

CSS Examples

Text

The CSS property to change the color of the text to Hex E86AED 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 #E86AED looks like.

```
.text, #text, p{  
    color:#E86AED  
}
```

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 #E86AED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E86AED
}
```

Border

The CSS property to change the border of an element to Hex E86AED 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
#E86AED }
```

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

```
.border{ border-color:#E86AED }
```

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

Here you see how a box with a 4 pixel #E86AED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E86AED; -webkit-box-shadow:4px 4px  
4px 4px #E86AED; box-shadow:4px 4px 4px  
4px #E86AED }
```

Background

The CSS property to change the background color of an element to Hex E86AED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E86AED }
```

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

```
.background{ background-color:#E86AED }
```

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