

Converting Colors

Hex(87EACF)

Have a look what the booklet for
Hex(87EACF) contains.

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Color

Hex(87EACF)

Conversions

Conversions Part 1

Format	Color
Hex	87EACF
RGB	135, 234, 207
RGB Percent	53%, 92%, 81%
CMY	0.4706, 0.0824, 0.1882
CMYK	0.42, 0.00, 0.12, 0.08
HSL	164°, 70%, 72%
HSV	164°, 42%, 92%
XYZ	50.6770, 68.5015, 69.5826
YIQ	201.3210, -50.3370, -29.3850

Conversions

Conversions Part 2

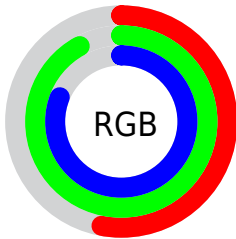
Format	Color
RYB	135, 192, 234
Decimal	8907471
CIELab	86.26, -35.32, 4.03
CIElCh	86, 35.550, 173.484
Yxy	68.5015, 0.2685, 0.3629
Android (android.graphics.Color)	4287097551 (0xFF87EACF)
YUV	201.3210, 2.7997, -58.1635
Hunter-Lab	82.7656, -35.5453, 8.0897

Details

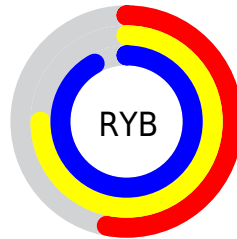
The Hex color **87EACF** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EA87A2**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **C0FFFF**, and **4EB299** is the 20% darker color. If you saturate the color by 10%, you get **70EAC9**, and if you desaturate by 10%, it is **9EEAD5**.

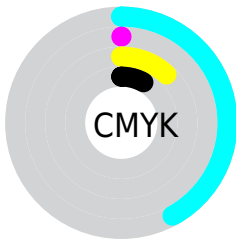
Distribution



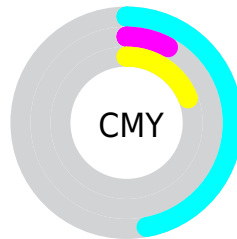
- Red (53%)
- Green (92%)
- Blue (81%)



- Red (53%)
- Yellow (75%)
- Blue (92%)



- Cyan (42%)
- Magenta (0%)
- Yellow (12%)
- Black (8%)



- Cyan (47%)
- Magenta (8%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87EACF 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 87EACF by changing the saturation by 10% instead.

 87EACF

 87EACF

FFFFFF

 6BCEB3

 C0FFFF

 4EB299

 DEFFFF

 2F977F

 FBFFFF

 007C66

 00634E

 004A37

 003322

 001E0C

 000000

 87EACF

 87EACF

 70EAC9

 9EEAD5

 58EAC2

 B6EADC

 41EABC

 CDEAE2

 29EAB5

 E5EAE9

 12EAAF

 FCEAEF

 00EAAA

 FFEAF5

 FFEAFC

 FFEAFF

Harmonies

Analogous

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



ADE6AF



87EACF



6DEAF1

Triad

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



87EACF



D3D2FF



FFC8A3

Complementary

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



87EACF



EA87A2

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.



FFC0BF



87EACF



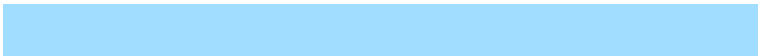
FCC6FF

Square

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



87EACF



A1DDFF



FFBFE1



F6D395

Rectangle

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



87EACF



6FE8FF



FFBFE1



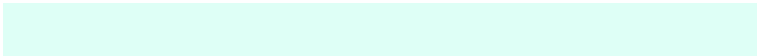
FFC5AB

Sweetspot

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



87EACF



DEFFF6



A3EA87



6B807A



000000



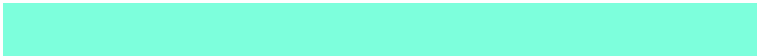
808080

Same Dimension

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



87EACF



7DFFDC



87D5EA



6A7572



00B584



003627

Inverse Universe

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



EA87A2



FF7DA0



EA9C87



756A6D



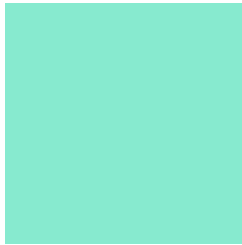
B50031



36000F

Previews

White Background



This preview shows how the Hex color 87EACF looks on a white background.

Color Contrast Check

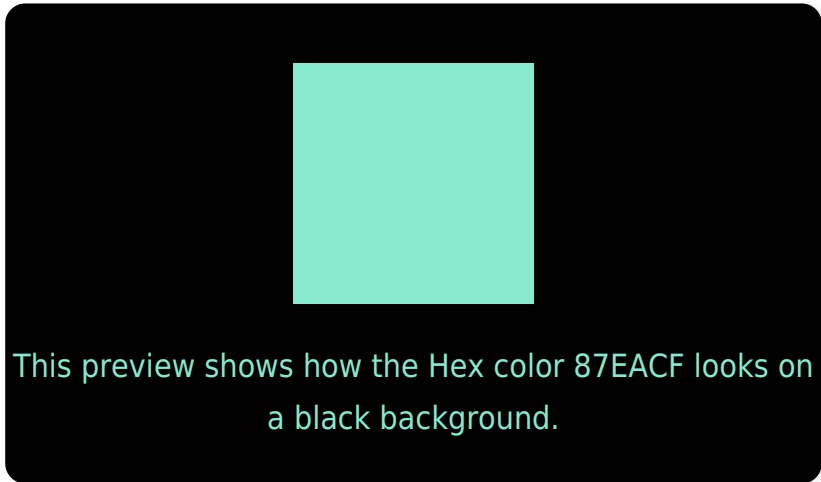
Large Text (above 18pt) WCAG AA × Fail

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

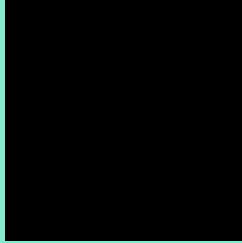
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

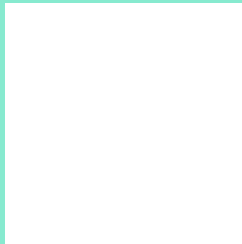
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 87EACF Background



This preview shows how black text looks on a background with the Hex color 87EACF.

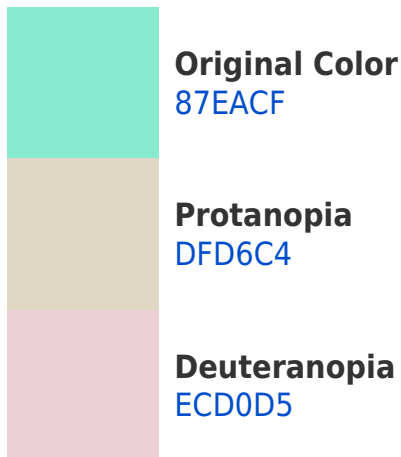


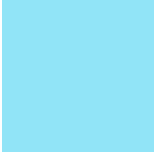
This preview shows how white text looks on a background with the Hex color 87EACF.

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
91E4F7

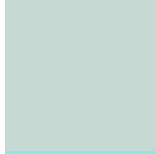
Trichromacy



Original Color
87EACF



Protanomaly
BFDDC8



Deuteranomaly
C7D9D3

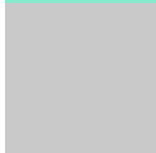


Tritanomaly
8DE6E8

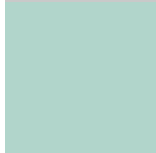
Monochromacy



Original Color
87EACF



Achromatopsia
C9C9C9



Achromatomaly
B1D5CB

CSS Examples

Text

The CSS property to change the color of the text to Hex 87EACF 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 #87EACF looks like.

```
.text, #text, p{  
    color:#87EACF  
}
```

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 #87EACF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87EACF
}
```

Border

The CSS property to change the border of an element to Hex 87EACF 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
#87EACF }
```

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

```
.border{ border-color:#87EACF }
```

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

Here you see how a box with a 4 pixel #87EACF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87EACF; -webkit-box-shadow:4px 4px  
4px 4px #87EACF; box-shadow:4px 4px 4px  
4px #87EACF }
```

Background

The CSS property to change the background color of an element to Hex 87EACF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87EACF }
```

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

```
.background{ background-color:#87EACF }
```

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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