

Converting Colors

Hex(EA80DF)

Have a look what the booklet for
Hex(EA80DF) contains.

Hex(EA80DF)	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(EA80DF)

Conversions

Conversions Part 1

Format	Color
Hex	EA80DF
RGB	234, 128, 223
RGB Percent	92%, 50%, 87%
CMY	0.0824, 0.4980, 0.1255
CMYK	0.00, 0.45, 0.05, 0.08
HSL	306°, 72%, 71%
HSV	306°, 45%, 92%
XYZ	54.9701, 38.2585, 74.2994
YIQ	170.5240, 32.6810, 52.0170

Conversions

Conversions Part 2

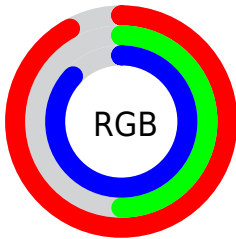
Format	Color
RYB	234, 128, 223
Decimal	15368415
CIELab	68.21, 53.60, -30.89
CIELCh	68, 61.866, 330.049
Yxy	38.2585, 0.3281, 0.2284
Android (android.graphics.Color)	4293558495 (0xFFEA80DF)
YUV	170.5240, 25.8707, 55.6685
Hunter-Lab	61.8534, 50.3923, -27.9228

Details

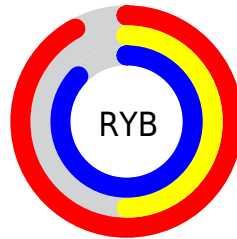
The Hex color **EA80DF** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **80EA8B**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFB7FF**, and **B04AA8** is the 20% darker color. If you saturate the color by 10%, you get **EA69DD**, and if you desaturate by 10%, it is **EA97E1**.

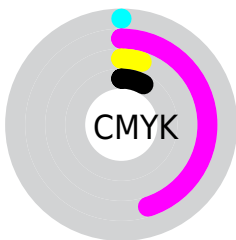
Distribution



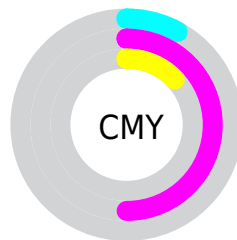
- Red (92%)
- Green (50%)
- Blue (87%)



- Red (92%)
- Yellow (50%)
- Blue (87%)



- Cyan (0%)
- Magenta (45%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (50%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA80DF 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 EA80DF by changing the saturation by 10% instead.

 EA80DF

 EA80DF

FFFFFF

 CD65C3

 FFB7FF

 B04AA8

 FFD4FF

 942E8D

 FFF1FF

 790C73

 5E005A

 440042

 2D002C

 000016

 000000

EA80DF

EA80DF

EA69DD

EA97E1

EA51DA

EAAFE4

EA3AD8

EAC6E6

EA22D5

EAD EE9

EA0BD3

EAF5EB

EA00D2

EAF FEE

EAF FFO

EAF FF2

EAF FF5

Harmonies

Analogous

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



A797FF



EA80DF



FF73A9

Triad

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



EA80DF



C4A42C



00C1DD

Complementary

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



EA80DF



80EA8B

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.



00C1A5



EA80DF



8CB33E

Square

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



EA80DF



EF8E44



38BD6C



00BAFF

Rectangle

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



EA80DF



FF7583



38BD6C



00C1CB

Sweetspot

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



EA80DF



FFDBFB



8B80EA



806A7D



000000



808080

Same Dimension

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



EA80DF



FF75F1



EA80AA



756A74



B500A2



360030

Inverse Universe

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



EA80DF



FF75F1



80EAC0



756A74



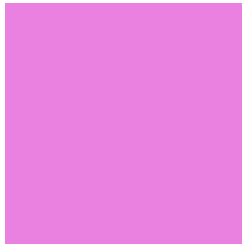
B500A2



360030

Previews

White Background



This preview shows how the Hex color EA80DF looks on a white background.

Color Contrast Check

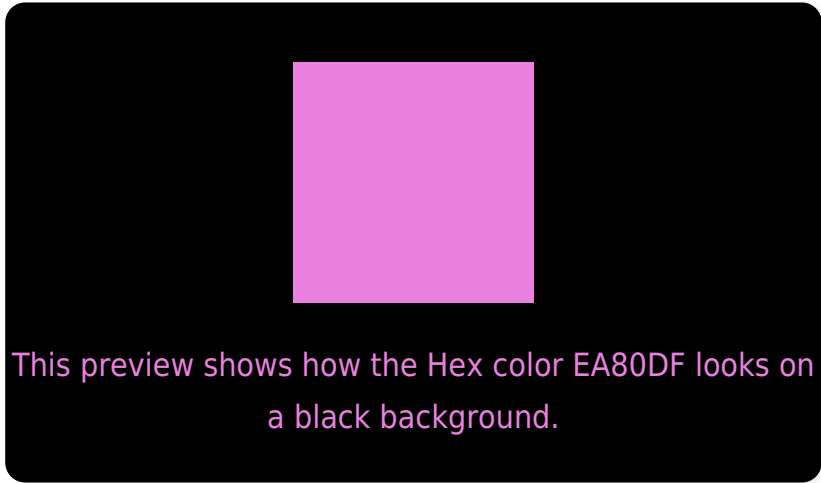
Large Text (above 18pt) WCAG AA × Fail

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 EA80DF Background



This preview shows how black text looks on a background with the Hex color EA80DF.

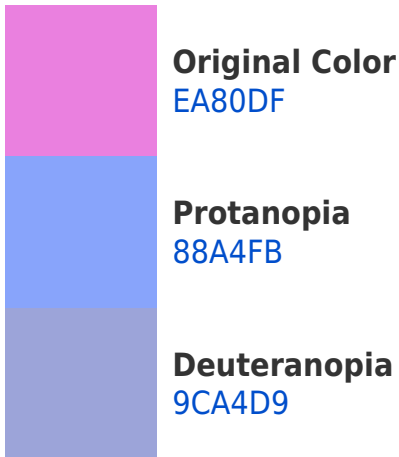


This preview shows how white text looks on a background with the Hex color EA80DF.

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
E28F9A

Trichromacy



Original Color
EA80DF



Protanomaly
AC97F1



Deuteranomaly
B897DB

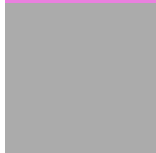


Tritanomaly
E58AB3

Monochromacy



Original Color
EA80DF



Achromatopsia
ABABAB



Achromatomaly
C29BBE

CSS Examples

Text

The CSS property to change the color of the text to Hex EA80DF 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 #EA80DF looks like.

```
.text, #text, p{  
    color:#EA80DF  
}
```

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 #EA80DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA80DF
}
```

Border

The CSS property to change the border of an element to Hex EA80DF 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
#EA80DF }
```

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

```
.border{ border-color:#EA80DF }
```

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

Here you see how a box with a 4 pixel #EA80DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA80DF; -webkit-box-shadow:4px 4px  
4px 4px #EA80DF; box-shadow:4px 4px 4px  
4px #EA80DF }
```

Background

The CSS property to change the background color of an element to Hex EA80DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA80DF }
```

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

```
.background{ background-color:#EA80DF }
```

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