

Converting Colors

Hex(EAFF9A)

Have a look what the booklet for
Hex(EAFF9A) contains.

Hex(EAFF9A)	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(EAFF9A)

Conversions

Conversions Part 1

Format	Color
Hex	EAFF9A
RGB	234, 255, 154
RGB Percent	92%, 100%, 60%
CMY	0.0824, 0.0000, 0.3961
CMYK	0.08, 0.00, 0.40, 0.00
HSL	72°, 100%, 80%
HSV	72°, 40%, 100%
XYZ	75.5244, 91.3455, 44.2227
YIQ	237.2070, 19.9050, -35.8630

Conversions

Conversions Part 2

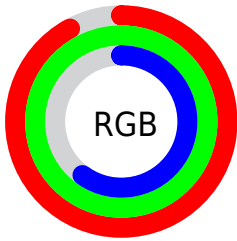
Format	Color
RYB	154, 255, 175
Decimal	15400858
CIELab	96.55, -22.03, 45.94
CIELCh	97, 50.950, 115.614
Yxy	91.3455, 0.3578, 0.4327
Android (android.graphics.Color)	4293590938 (0xFFEAF9A)
YUV	237.2070, -41.0211, -2.8125
Hunter-Lab	95.5748, -26.2031, 39.4688

Details

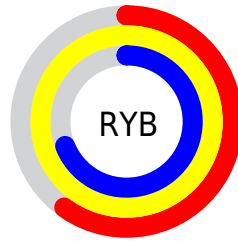
The Hex color **EAFF9A** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **AF9AFF**, and the grayscale version is **EEEEEE**.

A 20% lighter version of the original color is **FFFD2**, and **B1C665** is the 20% darker color. If you saturate the color by 10%, you get **E5FF81**, and if you desaturate by 10%, it is **EFFFB3**.

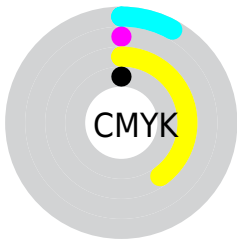
Distribution



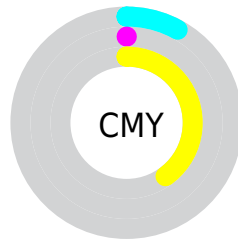
- Red (92%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (69%)



- Cyan (8%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color EAFF9A 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 EAFF9A by changing the saturation by 10% instead.

 EAFF9A

 EAFF9A

FFFFFF

 CDE27F

 FFFFD2

 B1C665

 FFFFEE

 95AB4B

 7A9032

 607717

 465E00

 2E4600

 143000

 001D00

 EAFF9A

 EAFF9A

 E5FF81

 EFFF83

 DFFF67

 F5FFCD

 DAFF4E

 FAFFE7

 D5FF34

FFFFFF

 CFFF1A

 CAFF01

 CAFF00

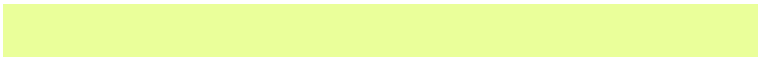
Harmonies

Analogous

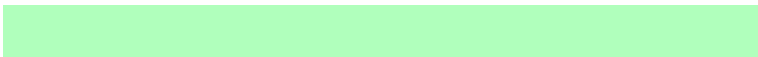
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF092



EAFF9A



B0FFBC

Triad

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



EAFF9A



3CFFFF



FFCFFE

Complementary

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



E AFF9A



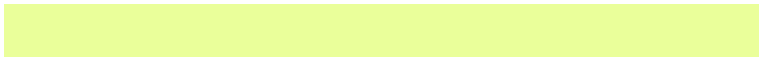
A F9AFF

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.



FFD9FF



EAFF9A



9FFCFF

Square

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



E AFF9A



00FFFF



F0EBFF



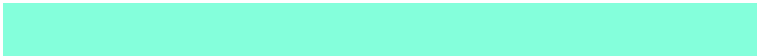
FFD1CD

Rectangle

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



E AFF9A



84 FFDB



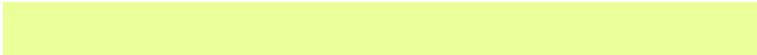
F0 E BFF



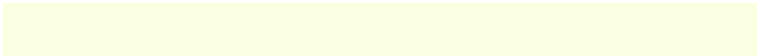
FF D1 FF

Sweetspot

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



EAFF9A



F9FFE0



FFAE9A



7C806E



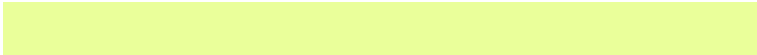
000000



808080

Same Dimension

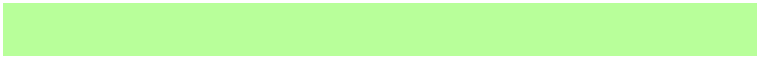
The Same Dimension uses a secret algorithm to generate beautiful new colors.



EAFF9A



E6FF85



B8FF9A



7D8073



97BF00



324000

Inverse Universe

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



AF9AFF



9E85FF



E19AFF



757380



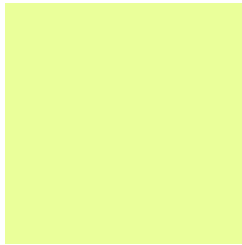
2800BF



0D0040

Previews

White Background



This preview shows how the Hex color EAFF9A looks on a white background.

Color Contrast Check

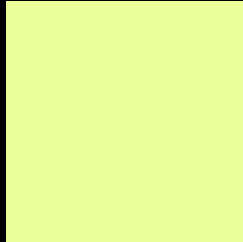
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color EAFF9A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

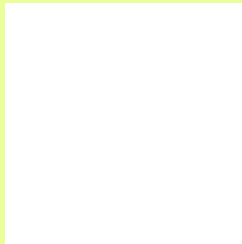
Any Text WCAG AAA ✓ Pass

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

Hex EAFF9A Background



This preview shows how black text looks on a background with the Hex color EAFF9A.

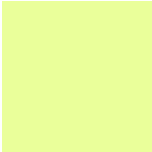
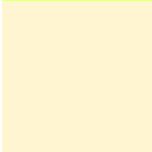
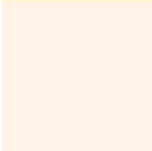


This preview shows how white text looks on a background with the Hex color EAFF9A.

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

	Original Color EAFF9A
	Protanopia FFF5D1
	Deuteranopia FFF3E7

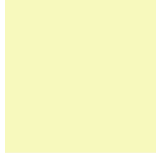


Tritanopia
F6F3FF

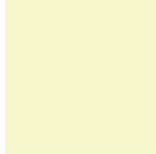
Trichromacy



Original Color
EAFF9A



Protanomaly
F7F9BD



Deuteranomaly
F7F7CB

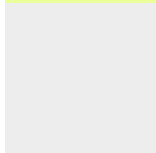


Tritanomaly
F2F7DA

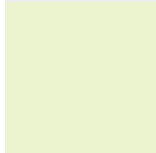
Monochromacy



Original Color
EAFF9A



Achromatopsia
EDED



Achromatomaly
ECF4CF

CSS Examples

Text

The CSS property to change the color of the text to Hex EAFF9A 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 #EAFF9A looks like.

```
.text, #text, p{  
    color:#EAFF9A  
}
```

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 #EAFF9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAFF9A
}
```

Border

The CSS property to change the border of an element to Hex EAFF9A 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
#EAFF9A }
```

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

```
.border{ border-color:#EAFF9A }
```

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

Here you see how a box with a 4 pixel #EAFF9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAFF9A; -webkit-box-shadow:4px 4px  
4px 4px #EAFF9A; box-shadow:4px 4px 4px  
4px #EAFF9A }
```

Background

The CSS property to change the background color of an element to Hex EAFF9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAFF9A }
```

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

```
.background{ background-color:#EAFF9A }
```

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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