

Converting Colors

Hex(E6FF9F)

Have a look what the booklet for
Hex(E6FF9F) contains.

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Color

Hex(E6FF9F)

Conversions

Conversions Part 1

Format	Color
Hex	E6FF9F
RGB	230, 255, 159
RGB Percent	90%, 100%, 62%
CMY	0.0980, 0.0000, 0.3765
CMYK	0.10, 0.00, 0.38, 0.00
HSL	76°, 100%, 81%
HSV	76°, 38%, 100%
XYZ	74.6511, 90.8462, 46.4014
YIQ	236.5810, 15.9160, -35.1560

Conversions

Conversions Part 2

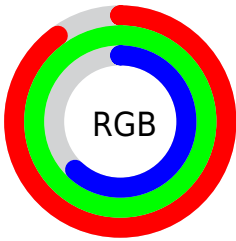
Format	Color
RYB	159, 255, 184
Decimal	15138719
CIELab	96.35, -22.93, 43.20
CIELCh	96, 48.905, 117.964
Yxy	90.8462, 0.3523, 0.4287
Android (android.graphics.Color)	4293328799 (0xFFE6FF9F)
YUV	236.5810, -38.2474, -5.7715
Hunter-Lab	95.3133, -26.9937, 37.8551

Details

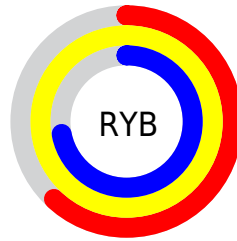
The Hex color **E6FF9F** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B89FFF**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFFD7**, and **ADC66A** is the 20% darker color. If you saturate the color by 10%, you get **DFFF85**, and if you desaturate by 10%, it is **EDFFB9**.

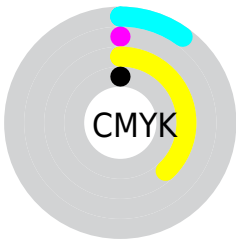
Distribution



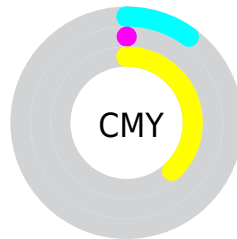
- Red (90%)
- Green (100%)
- Blue (62%)



- Red (62%)
- Yellow (100%)
- Blue (72%)



- Cyan (10%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6FF9F 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 E6FF9F by changing the saturation by 10% instead.

 E6FF9F

FFFFFF

 FFFFD7

 FFFFF3

 E6FF9F

 C9E284

 ADC66A

 92AB50

 779037

 5D771E

 435E00

 2B4600

 113000

 001D00

 E6FF9F

 E6FF9F

 DFFF85

 EDFFB9

 D9FF6C

 F3FFD2

 D2FF52

 FAF FEC

 CBFF39

FFFFFF

 C5FF1F

 BEFF06

 B DFF00

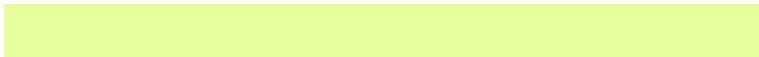
Harmonies

Analogous

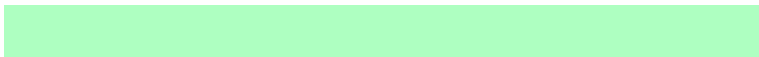
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF195



E6FF9F



AEFFC1

Triad

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



E6FF9F



56FFFF



FFD0FA

Complementary

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



E6FF9F



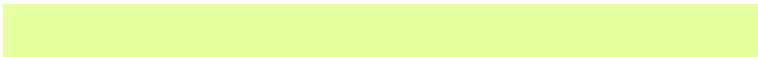
B89FFF

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



E6FF9F



AAFAFF

Square

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



E6FF9F



2EFFFF



F5E9FF



FFD3CA

Rectangle

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



E6FF9F



84FFDF



F5E9FF



FFD2FF

Sweetspot

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



E6FF9F



F8FFE3



FFB79F



7B806F



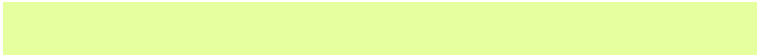
000000



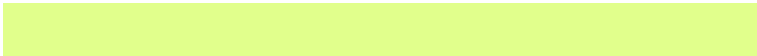
808080

Same Dimension

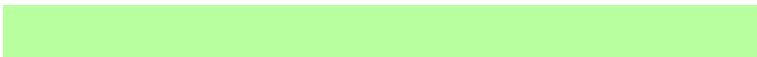
The Same Dimension uses a secret algorithm to generate beautiful new colors.



E6FF9F



E1FF8C



B7FF9F



7C8073



8DBF00



2F4000

Inverse Universe

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



B89FFF



AA8CFF



E79FFF



767380



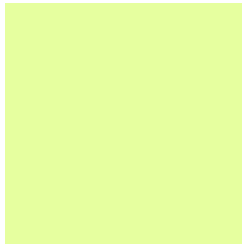
3200BF



110040

Previews

White Background



This preview shows how the Hex color E6FF9F looks on a white background.

Color Contrast Check

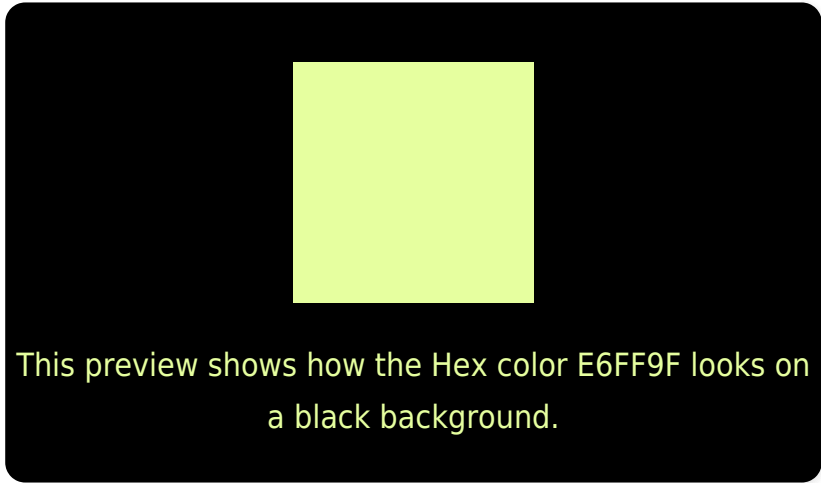
Large Text (above 18pt) WCAG AA × Fail

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

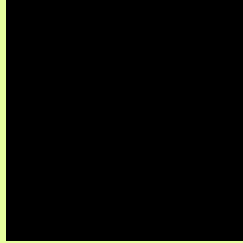
Any Text WCAG AA ✓ Pass

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 E6FF9F Background



This preview shows how black text looks on a background with the Hex color E6FF9F.

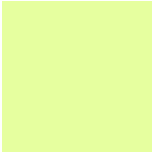
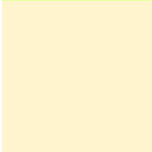
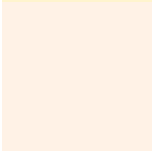


This preview shows how white text looks on a background with the Hex color E6FF9F.

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](#).

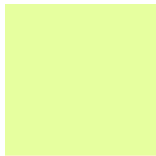
Dichromacy

	Original Color E6FF9F
	Protanopia FFF4CE
	Deuteranopia FFF2E6

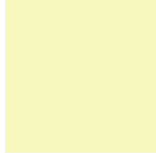


Tritanopia
F4F3FF

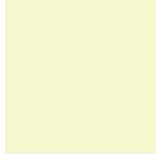
Trichromacy



Original Color
E6FF9F



Protanomaly
F6F8BD

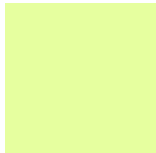


Deuteranomaly
F6F7CC

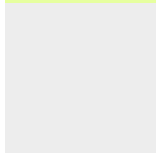


Tritanomaly
EFF7DC

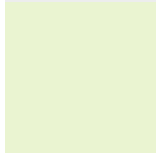
Monochromacy



Original Color
E6FF9F



Achromatopsia
EDED



Achromatomaly
EAF4D1

CSS Examples

Text

The CSS property to change the color of the text to Hex E6FF9F 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 #E6FF9F looks like.

```
.text, #text, p{  
    color:#E6FF9F  
}
```

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 #E6FF9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6FF9F
}
```

Border

The CSS property to change the border of an element to Hex E6FF9F 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
#E6FF9F }
```

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

```
.border{ border-color:#E6FF9F }
```

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

Here you see how a box with a 4 pixel #E6FF9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6FF9F; -webkit-box-shadow:4px 4px  
4px 4px #E6FF9F; box-shadow:4px 4px 4px  
4px #E6FF9F }
```

Background

The CSS property to change the background color of an element to Hex E6FF9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6FF9F }
```

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

```
.background{ background-color:#E6FF9F }
```

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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