

Converting Colors

Hex(E6FF6A)

Have a look what the booklet for
Hex(E6FF6A) contains.

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Color

Hex(E6FF6A)

Conversions

Conversions Part 1

Format	Color
Hex	E6FF6A
RGB	230, 255, 106
RGB Percent	90%, 100%, 42%
CMY	0.0980, 0.0000, 0.5843
CMYK	0.10, 0.00, 0.58, 0.00
HSL	70°, 100%, 71%
HSV	70°, 58%, 100%
XYZ	70.9946, 89.3836, 27.1466
YIQ	230.5390, 32.9290, -51.6390

Conversions

Conversions Part 2

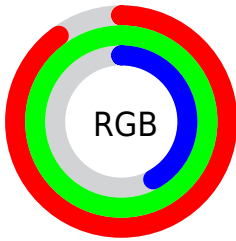
Format	Color
RYB	106, 255, 131
Decimal	15138666
CIELab	95.74, -27.98, 66.78
CIELCh	96, 72.403, 112.732
Yxy	89.3836, 0.3786, 0.4766
Android (android.graphics.Color)	4293328746 (0xFFE6FF6A)
YUV	230.5390, -61.3977, -0.4727
Hunter-Lab	94.5429, -31.4099, 49.1558

Details

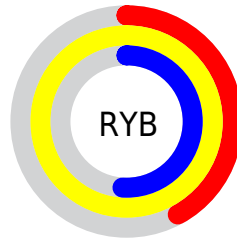
The Hex color **E6FF6A** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **836AFF**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFA2**, and **ACC630** is the 20% darker color. If you saturate the color by 10%, you get **E2FF51**, and if you desaturate by 10%, it is **EAFF84**.

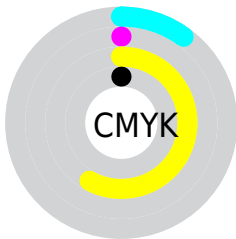
Distribution



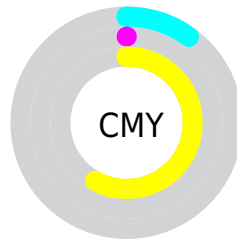
- Red (90%)
- Green (100%)
- Blue (42%)



- Red (42%)
- Yellow (100%)
- Blue (51%)



- Cyan (10%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color E6FF6A 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 E6FF6A by changing the saturation by 10% instead.

 E6FF6A

 E6FF6A

FFFFFF

 C9E24E

 FFFFA2

 ACC630

 FFFFBE

 8FAB06

 FFFFDB

 739000

 FFFFF9

 587700

 3D5E00

 204600

 012F00

 001C00

 E6FF6A

 E6FF6A

 E2FF51

 EAFF84

 DDFF37

 EFFF9D

 D9FF1E

 F3FFB7

 D5FF04

 F7FFD0

 D4FF00

 FBFFEA

FFFFFF

Harmonies

Analogous

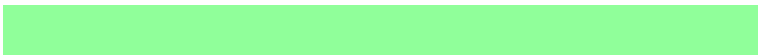
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE962



E6FF6A



90FF9A

Triad

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



E6FF6A



00FFFF



FFB7FF

Complementary

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



E6FF6A



836AFF

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.



FFCBFF



E6FF6A



00FFFF

Square

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



E6FF6A



00FFFF



DAE7FF



FFB9C0

Rectangle

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



E6FF6A



21FFC7



DAE7FF



FFBCFF

Sweetspot

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



E6FF6A



F7FFD1



FF836A



7B8063



000000



808080

Same Dimension

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



E6FF6A



E1FF4D



9CFF6A



7D8073



9FBF00



354000

Inverse Universe

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



836AFF



6A4DFF



CD6AFF



757380



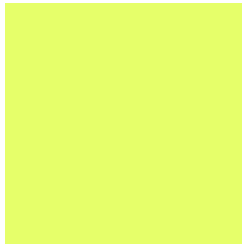
2000BF



0B0040

Previews

White Background



This preview shows how the Hex color E6FF6A looks on a white background.

Color Contrast Check

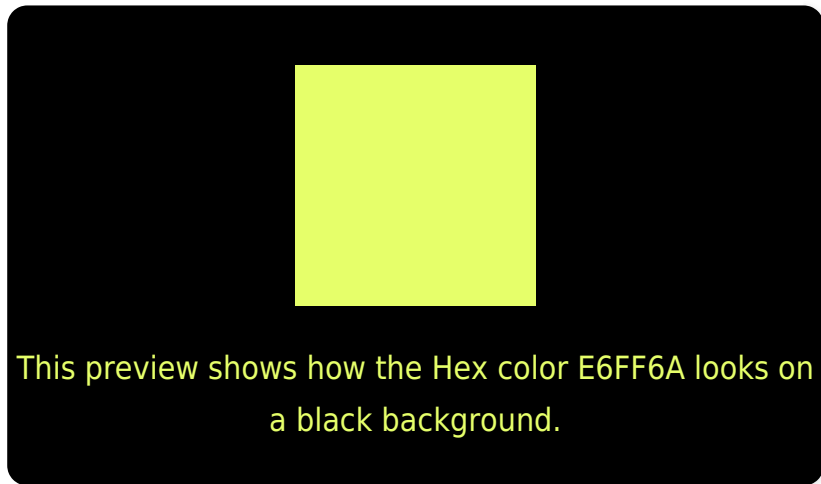
Large Text (above 18pt) WCAG AA × Fail

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 E6FF6A Background



This preview shows how black text looks on a background with the Hex color E6FF6A.

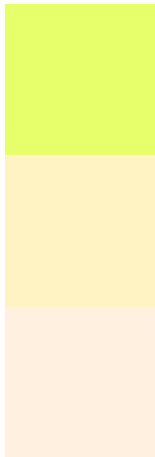


This preview shows how white text looks on a background with the Hex color E6FF6A.

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
E6FF6A

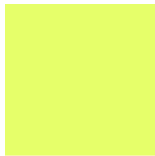
Protanopia
FFF2C3

Deuteranopia
FFF0DF



Tritanopia
F6F0FF

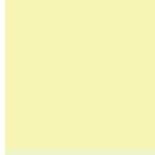
Trichromacy



Original Color
E6FF6A



Protanomaly
F6F7A3



Deuteranomaly
F6F5B4

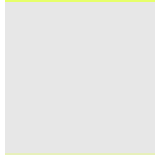


Tritanomaly
F0F5C9

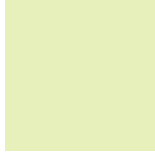
Monochromacy



Original Color
E6FF6A



Achromatopsia
E7E7E7



Achromatomaly
E7F0BA

CSS Examples

Text

The CSS property to change the color of the text to Hex E6FF6A 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 #E6FF6A looks like.

```
.text, #text, p{  
    color:#E6FF6A  
}
```

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 #E6FF6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E6FF6A
}
```

Border

The CSS property to change the border of an element to Hex E6FF6A 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
#E6FF6A }
```

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

```
.border{ border-color:#E6FF6A }
```

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

Here you see how a box with a 4 pixel #E6FF6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E6FF6A; -webkit-box-shadow:4px 4px  
4px 4px #E6FF6A; box-shadow:4px 4px 4px  
4px #E6FF6A }
```

Background

The CSS property to change the background color of an element to Hex E6FF6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E6FF6A }
```

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

```
.background{ background-color:#E6FF6A }
```

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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