

Converting Colors

Hex(E2FB6D)

Have a look what the booklet for
Hex(E2FB6D) contains.

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Color

Hex(E2FB6D)

Conversions

Conversions Part 1

Format	Color
Hex	E2FB6D
RGB	226, 251, 109
RGB Percent	89%, 98%, 43%
CMY	0.1137, 0.0157, 0.5725
CMYK	0.10, 0.00, 0.57, 0.02
HSL	71°, 95%, 71%
HSV	71°, 57%, 98%
XYZ	68.6215, 86.2672, 27.5025
YIQ	227.3370, 30.6820, -49.4620

Conversions

Conversions Part 2

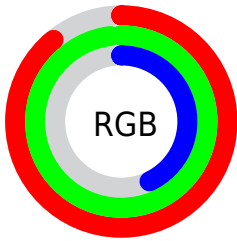
Format	Color
RYB	109, 251, 134
Decimal	14875501
CIELab	94.43, -27.43, 63.97
CIELCh	94, 69.597, 113.208
Yxy	86.2672, 0.3762, 0.4730
Android (android.graphics.Color)	4293065581 (0xFFE2FB6D)
YUV	227.3370, -58.3401, -1.1725
Hunter-Lab	92.8802, -30.6613, 47.4599

Details

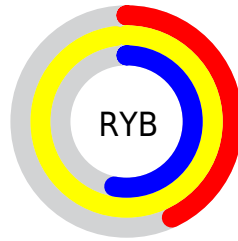
The Hex color **E2FB6D** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **866DFB**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFA5**, and **A8C235** is the 20% darker color. If you saturate the color by 10%, you get **DEFB54**, and if you desaturate by 10%, it is **E6FB86**.

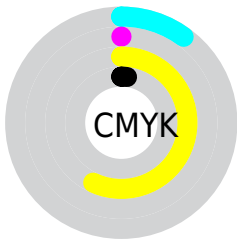
Distribution



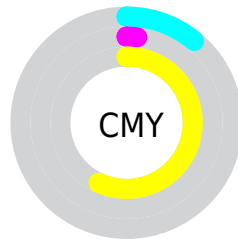
- Red (89%)
- Green (98%)
- Blue (43%)



- Red (43%)
- Yellow (98%)
- Blue (53%)



- Cyan (10%)
- Magenta (0%)
- Yellow (57%)
- Black (2%)



- Cyan (11%)
- Magenta (2%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color E2FB6D 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 E2FB6D by changing the saturation by 10% instead.

 E2FB6D

 E2FB6D

FFFFFF

 C5DE51

 FFFFA5

 A8C235

 FFFFC1

 8CA711

 FFFFDE

 708D00

 FFFFFB

 557300

 3A5B00

 1E4300

 002C00

 001800

 E2FB6D

 E2FB6D

 DEFB54

 E6FB86

 D9FB3B

 EBF99F

 D5FB22

 EFFBB8

 D0FB09

 F4FBD1

 CFFB00

 F8FBEA

 FDFBFF

 FFFBFF

Harmonies

Analogous

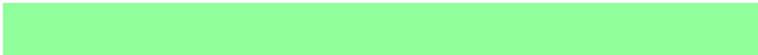
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE664



E2FB6D



90FF9B

Triad

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



E2FB6D



00FFFF



FFB6FF

Complementary

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



E2FB6D



866DFB

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.



FFC9FF



E2FB6D



19FBFF

Square

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



E2FB6D



00FFFF



DAE3FF



FFB9BE

Rectangle

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



E2FB6D



2FFFC6



DAE3FF



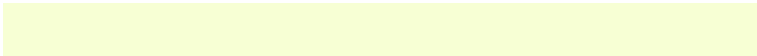
FFBAFF

Sweetspot

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



E2FB6D



F7FFD4



FB856D



7B8066



000000



808080

Same Dimension

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



E2FB6D



E0FF52



9CFB6D



7B7D70



9BBD00



323D00

Inverse Universe

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



866DFB



7052FF



CC6DFB



73707D



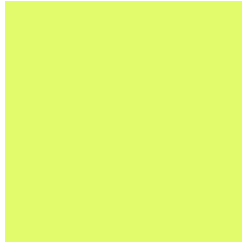
2100BD



0B003D

Previews

White Background



This preview shows how the Hex color E2FB6D 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 E2FB6D 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 E2FB6D Background



This preview shows how black text looks on a background with the Hex color E2FB6D.


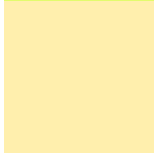
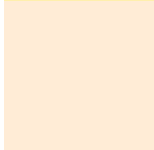


This preview shows how white text looks on a background with the Hex color E2FB6D.

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](#).

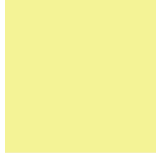
Dichromacy

	Original Color E2FB6D
	Protanopia FFEFD
	Deuteranopia FFECD6

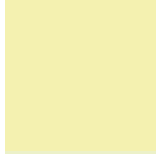
Trichromacy



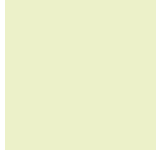
Original Color
E2FB6D



Protanomaly
F4F396



Deuteranomaly
F4F1B0

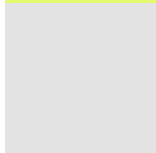


Tritanomaly
ECF1C9

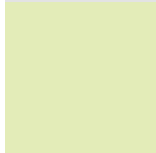
Monochromacy



Original Color
E2FB6D



Achromatopsia
E3E3E3



Achromatomaly
E3ECB8

CSS Examples

Text

The CSS property to change the color of the text to Hex E2FB6D 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 #E2FB6D looks like.

```
.text, #text, p{  
    color:#E2FB6D  
}
```

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 #E2FB6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2FB6D
}
```

Border

The CSS property to change the border of an element to Hex E2FB6D 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
#E2FB6D }
```

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

```
.border{ border-color:#E2FB6D }
```

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

Here you see how a box with a 4 pixel #E2FB6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2FB6D; -webkit-box-shadow:4px 4px  
4px 4px #E2FB6D; box-shadow:4px 4px 4px  
4px #E2FB6D }
```

Background

The CSS property to change the background color of an element to Hex E2FB6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2FB6D }
```

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

```
.background{ background-color:#E2FB6D }
```

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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