

Converting Colors

Hex(E4FE64)

Have a look what the booklet for
Hex(E4FE64) contains.

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Color

Hex(E4FE64)

Conversions

Conversions Part 1

Format	Color
Hex	E4FE64
RGB	228, 254, 100
RGB Percent	89%, 100%, 39%
CMY	0.1059, 0.0039, 0.6078
CMYK	0.10, 0.00, 0.61, 0.00
HSL	70°, 99%, 69%
HSV	70°, 61%, 100%
XYZ	69.7370, 88.2977, 25.4242
YIQ	228.6700, 33.9380, -53.4060

Conversions

Conversions Part 2

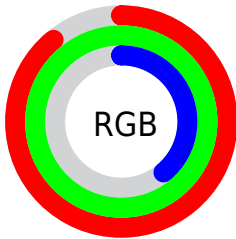
Format	Color
RYB	100, 254, 126
Decimal	15007332
CIELab	95.29, -28.71, 68.72
CIELCh	95, 74.474, 112.679
Yxy	88.2977, 0.3801, 0.4813
Android (android.graphics.Color)	4293197412 (0xFFE4FE64)
YUV	228.6700, -63.4343, -0.5876
Hunter-Lab	93.9669, -31.9692, 49.7349

Details

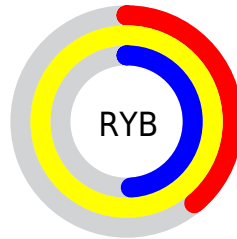
The Hex color **E4FE64** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **7E64FE**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFF9C**, and **AAC528** is the 20% darker color. If you saturate the color by 10%, you get **E0FE4B**, and if you desaturate by 10%, it is **E8FE7D**.

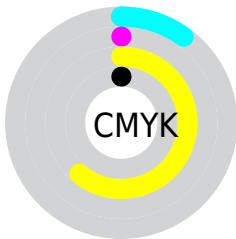
Distribution



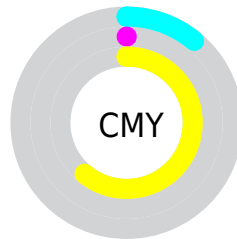
- Red (89%)
- Green (100%)
- Blue (39%)



- Red (39%)
- Yellow (100%)
- Blue (49%)



- Cyan (10%)
- Magenta (0%)
- Yellow (61%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color E4FE64 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 E4FE64 by changing the saturation by 10% instead.

 E4FE64

 E4FE64

FFFFFF

 C7E147


 FFFF9C

 AAC528

 FFFFB9

 8DAA00

 FFFFDD

 719000

 FFFFF3

 557600

 3A5D00

 1D4500

 002F00

 001B00

 E4FE64

 E4FE64

 E0FE4B

 E8FE7D

 DBFE31

 EDFE97

 D7FE18

 F1FEB0

 D3FE00

 F5FECA

 F9FEE3

 FEFEFC

 FFFEFF

Harmonies

Analogous

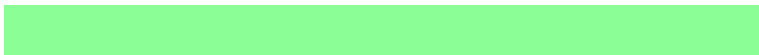
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE85C



E4FE64



8BFF96

Triad

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



E4FE64



00FFFF



FFB3FF

Complementary

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



E4FE64



7E64FE

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.



FFC8FF



E4FE64



00FFFF

Square

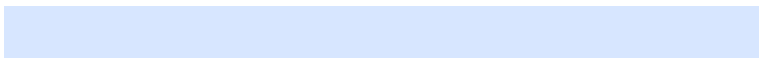
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E4FE64



00FFFF



D7E6FF



FFB6BE

Rectangle

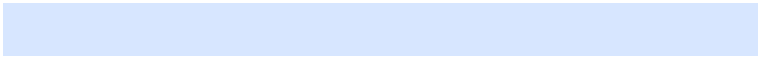
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E4FE64



00FFC4



D7E6FF



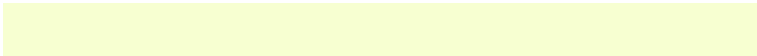
FFB8FF

Sweetspot

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



E4FE64



F7FFD1



FE7E64



7B8063



000000



808080

Same Dimension

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



E4FE64



E0FF45



97FE64



7D8073



9FBF00



354000

Inverse Universe

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



7E64FE



6445FF



CB64FE



757380



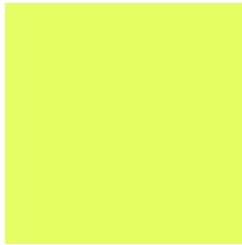
2000BF



0B0040

Previews

White Background



This preview shows how the Hex color E4FE64 looks on a white background.

Color Contrast Check

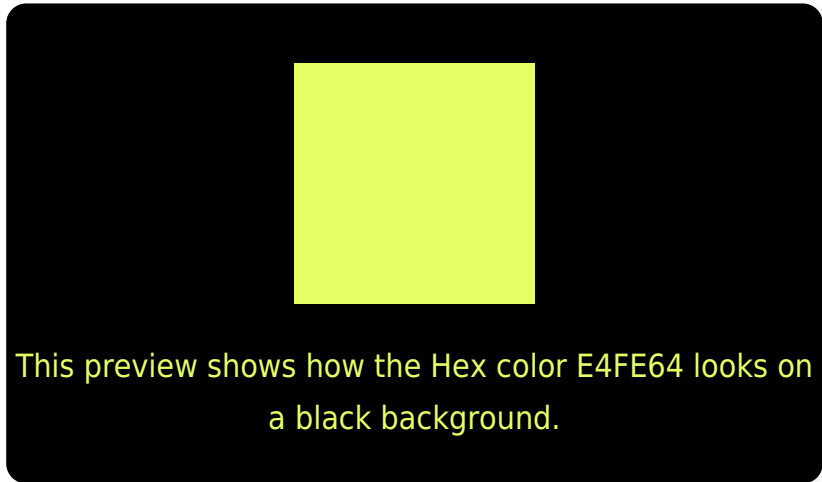
Large Text (above 18pt) WCAG AA × Fail

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 E4FE64 Background



This preview shows how black text looks on a background with the Hex color E4FE64.

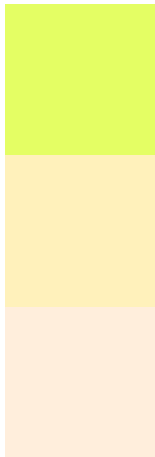


This preview shows how white text looks on a background with the Hex color E4FE64.

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
E4FE64

Protanopia
FFF1BB

Deuteranopia
FFEEDC



Tritanopia
F4EEFF

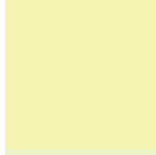
Trichromacy



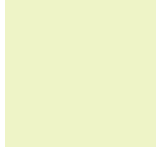
Original Color
E4FE64



Protanomaly
F5F69B



Deuteranomaly
F5F4B0

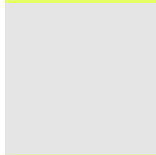


Tritanomaly
EEF4C7

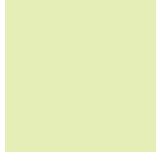
Monochromacy



Original Color
E4FE64



Achromatopsia
E5E5E5



Achromatomaly
E5EEB6

CSS Examples

Text

The CSS property to change the color of the text to Hex E4FE64 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 #E4FE64 looks like.

```
.text, #text, p{  
    color:#E4FE64  
}
```

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 #E4FE64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4FE64
}
```

Border

The CSS property to change the border of an element to Hex E4FE64 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
#E4FE64 }
```

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

```
.border{ border-color:#E4FE64 }
```

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

Here you see how a box with a 4 pixel #E4FE64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4FE64; -webkit-box-shadow:4px 4px  
4px 4px #E4FE64; box-shadow:4px 4px 4px  
4px #E4FE64 }
```

Background

The CSS property to change the background color of an element to Hex E4FE64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4FE64 }
```

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

```
.background{ background-color:#E4FE64 }
```

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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