

Converting Colors

Hex(E584FF)

Have a look what the booklet for
Hex(E584FF) contains.

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Color

Hex(E584FF)

Conversions

Conversions Part 1

Format	Color
Hex	E584FF
RGB	229, 132, 255
RGB Percent	90%, 52%, 100%
CMY	0.1020, 0.4824, 0.0000
CMYK	0.10, 0.48, 0.00, 0.00
HSL	287°, 100%, 76%
HSV	287°, 48%, 100%
XYZ	58.6144, 40.3805, 99.3126
YIQ	175.0250, 18.3290, 58.8170

Conversions

Conversions Part 2

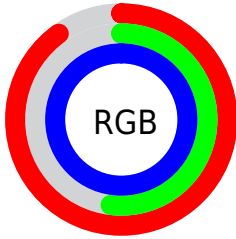
Format	Color
R_{YB}	229, 132, 255
Decimal	15041791
CIE _{Lab}	69.74, 56.02, -46.13
CIE _{LCh}	70, 72.572, 320.530
Yxy	40.3805, 0.2956, 0.2036
Android (android.graphics.Color)	4293231871 (0xFFE584FF)
YUV	175.0250, 39.4277, 47.3361
Hunter-Lab	63.5457, 53.4430, -48.1797

Details

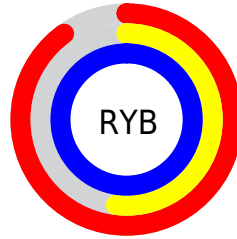
The Hex color **E584FF** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **9EFF84**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFBCFF**, and **AB4EC6** is the 20% darker color. If you saturate the color by 10%, you get **E06BFF**, and if you desaturate by 10%, it is **EA9EFF**.

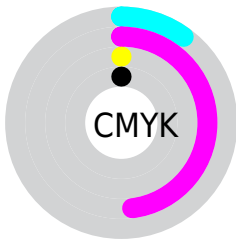
Distribution



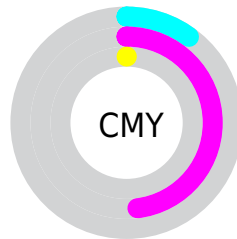
- Red (90%)
- Green (52%)
- Blue (100%)



- Red (90%)
- Yellow (52%)
- Blue (100%)



- Cyan (10%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color E584FF 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 E584FF by changing the saturation by 10% instead.

 E584FF

FFFFFF

 FFBCFF

 FFD8FF

 FFF5FF

 E584FF

 C869E2

 AB4EC6

 8F33AA

 74138F

 580075

 3E005C

 270044

 00002C

 000116

 E584FF

 E584FF

 E06BFF

 EA9EFF

 DA51FF

 F0B7FF

 D538FF

 F5D1FF

 CF1EFF

 FBFAFF

 CA05FF

FFFFFF

 C900FF

Harmonies

Analogous

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



80A2FF



E584FF



FF6BC2

Triad

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



E584FF



DCA00F



00C9D7

Complementary

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



E584FF



9EFF84

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.



00C893



E584FF



9FB516

Square

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



E584FF



FF8445



49C151



00C5FF

Rectangle

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



E584FF



FF6896



49C151



00C9C1

Sweetspot

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



E584FF



F7DBFF



849FFF



7B6A80



000000



808080

Same Dimension

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



E584FF



E06BFF



FF84DC



7D7380



9700BF



320040

Inverse Universe

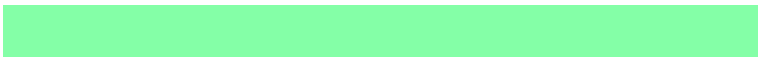
The Inverse Universe completely reimagines the original color for something new.



FF849E



FF6B8A



84FFA7



807375



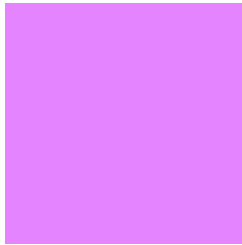
BF0028



40000D

Previews

White Background



This preview shows how the Hex color E584FF 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

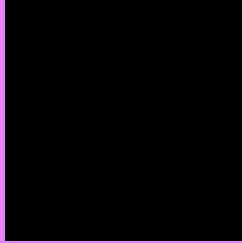
Any Text WCAG AA ✓ Pass

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 E584FF Background



This preview shows how black text looks on a background with the Hex color E584FF.



This preview shows how white text looks on a background with the Hex color E584FF.

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](#).

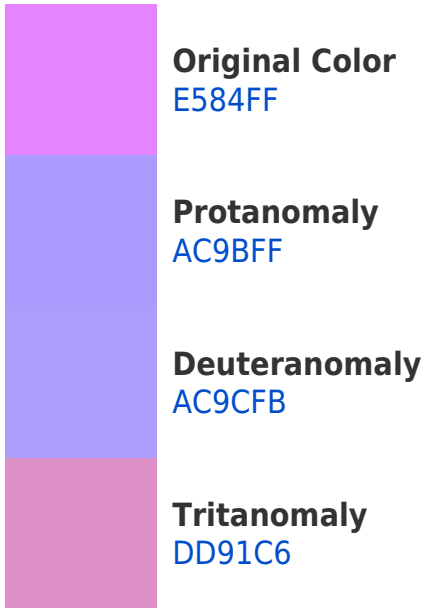
Dichromacy



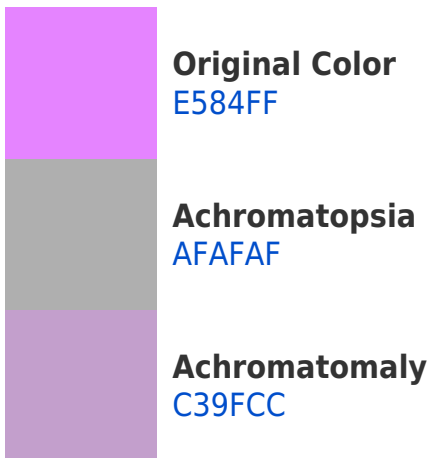


Tritanopia
D899A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E584FF 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 #E584FF looks like.

```
.text, #text, p{  
    color:#E584FF  
}
```

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 #E584FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E584FF
}
```

Border

The CSS property to change the border of an element to Hex E584FF 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
#E584FF }
```

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

```
.border{ border-color:#E584FF }
```

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

Here you see how a box with a 4 pixel #E584FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E584FF; -webkit-box-shadow:4px 4px  
4px 4px #E584FF; box-shadow:4px 4px 4px  
4px #E584FF }
```

Background

The CSS property to change the background color of an element to Hex E584FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E584FF }
```

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

```
.background{ background-color:#E584FF }
```

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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