

Converting Colors

Hex(E583FF)

Have a look what the booklet for
Hex(E583FF) contains.

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Color

Hex(E583FF)

Conversions

Conversions Part 1

Format	Color
Hex	E583FF
RGB	229, 131, 255
RGB Percent	90%, 51%, 100%
CMY	0.1020, 0.4863, 0.0000
CMYK	0.10, 0.49, 0.00, 0.00
HSL	287°, 100%, 76%
HSV	287°, 49%, 100%
XYZ	58.4794, 40.1106, 99.2677
YIQ	174.4380, 18.6040, 59.3400

Conversions

Conversions Part 2

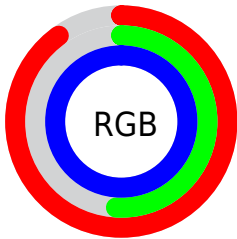
Format	Color
R_{YB}	229, 131, 255
Decimal	15041535
CIE _{Lab}	69.55, 56.52, -46.43
CIE _{LCh}	70, 73.148, 320.596
Yxy	40.1106, 0.2956, 0.2027
Android (android.graphics.Color)	4293231615 (0xFFE583FF)
YUV	174.4380, 39.7171, 47.8509
Hunter-Lab	63.3329, 53.9879, -48.5977

Details

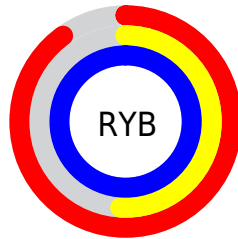
The Hex color **E583FF** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **9DFF83**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFBBFF**, and **AB4DC6** is the 20% darker color. If you saturate the color by 10%, you get **E06AFF**, and if you desaturate by 10%, it is **EA9CFF**.

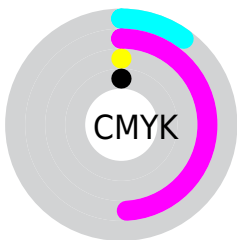
Distribution



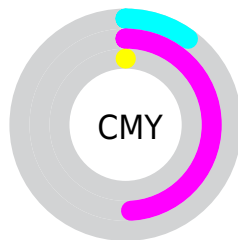
- Red (90%)
- Green (51%)
- Blue (100%)



- Red (90%)
- Yellow (51%)
- Blue (100%)



- Cyan (10%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color E583FF 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 E583FF by changing the saturation by 10% instead.

 E583FF

FFFFFF

 FFBBFF

 FFD7FF

 FFF4FF

 E583FF

 C868E2

 AB4DC6

 8F31AA

 73118F

 580075

 3D005C

 260044

 00002C

 000116

 E583FF

 E583FF

 E06AFF

 EA9CFF

 DA50FF

 F0B6FF

 D537FF

 F5D0FF

 D01DFF

 FAE9FF

 CA04FF

FFFFFF

 CA00FF

Harmonies

Analogous

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



7FA1FF



E583FF



FF6AC2

Triad

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



E583FF



DC9F0A



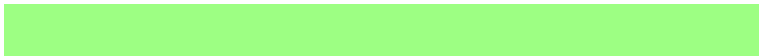
00C9D7

Complementary

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



E583FF



9DFF83

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.



00C792



E583FF



9FB412

Square

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



E583FF



FF8443



47C150



00C4FF

Rectangle

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



E583FF



FF6795



47C150



00C9C0

Sweetspot

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



E583FF



F7D9FF



839EFF



7B6980



000000



808080

Same Dimension

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



E583FF



E06BFF



FF83DC



7D7380



9700BF



320040

Inverse Universe

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



FF839D



FF6B8A



83FFA6



807375



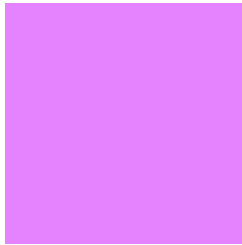
BF0028



40000D

Previews

White Background



This preview shows how the Hex color E583FF 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

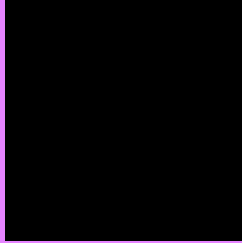
Any Text WCAG AA ✓ Pass

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 E583FF Background



This preview shows how black text looks on a background with the Hex color E583FF.




This preview shows how white text looks on a background with the Hex color E583FF.

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](#).

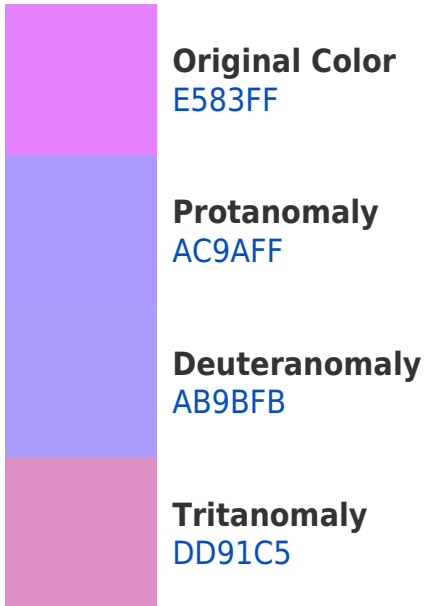
Dichromacy



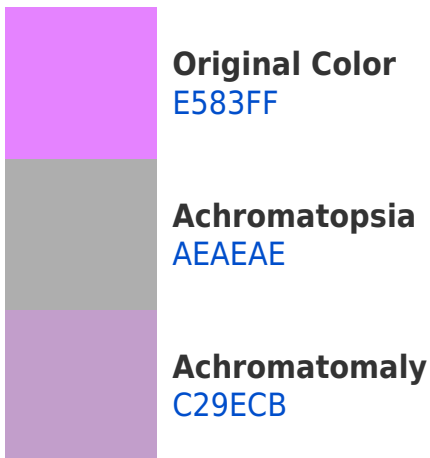


Tritanopia
D899A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E583FF 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 #E583FF looks like.

```
.text, #text, p{  
    color:#E583FF  
}
```

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 #E583FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E583FF
}
```

Border

The CSS property to change the border of an element to Hex E583FF 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
#E583FF }
```

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

```
.border{ border-color:#E583FF }
```

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

Here you see how a box with a 4 pixel #E583FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E583FF; -webkit-box-shadow:4px 4px  
4px 4px #E583FF; box-shadow:4px 4px 4px  
4px #E583FF }
```

Background

The CSS property to change the background color of an element to Hex E583FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E583FF }
```

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

```
.background{ background-color:#E583FF }
```

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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