

Converting Colors

Hex(E253FF)

Have a look what the booklet for
Hex(E253FF) contains.

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Color

Hex(E253FF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E253FF |
| RGB | 226, 83, 255 |
| RGB Percent | 89%, 33%, 100% |
| CMY | 0.1137, 0.6745, 0.0000 |
| CMYK | 0.11, 0.67, 0.00, 0.00 |
| HSL | 290°, 100%, 66% |
| HSV | 290°, 67%, 100% |
| XYZ | 52.5073, 29.5753, 97.5489 |
| YIQ | 145.3650, 30.0160, 83.8080 |

Conversions

Conversions Part 2

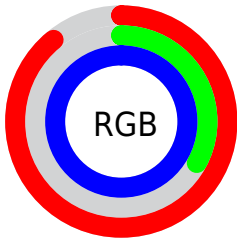
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 226, 83, 255 |
| Decimal | 14832639 |
| CIE Lab | 61.29, 77.13, -59.55 |
| CIE LCh | 61, 97.449, 322.330 |
| Yxy | 29.5753, 0.2923, 0.1646 |
| Android (android.graphics.Color) | 4293022719 (0xFFE253FF) |
| YUV | 145.3650, 54.0501, 70.7169 |
| Hunter-Lab | 54.3831, 77.1724, -68.2823 |

Details

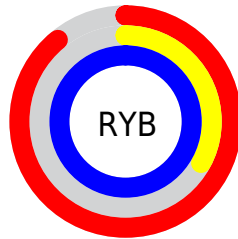
The Hex color **E253FF** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **70FF53**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF8EFF**, and **A700C5** is the 20% darker color. If you saturate the color by 10%, you get **DE39FF**, and if you desaturate by 10%, it is **E66CFF**.

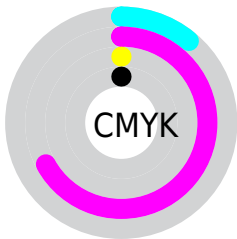
Distribution



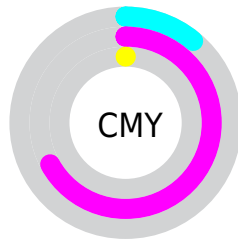
- Red (89%)
- Green (33%)
- Blue (100%)



- Red (89%)
- Yellow (33%)
- Blue (100%)



- Cyan (11%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (67%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color E253FF 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 E253FF by changing the saturation by 10% instead.

 E253FF

 E253FF

FFFFFF

 C432E2

 FF8EFF

 A700C5

 FFABFF

 8900AA

 FFC9FF

 6D008E

 FFE7FF

 500074

 35005B

 120042

 00032B

 000115

 E253FF

 E253FF

 DE39FF

 E66CFF

 D920FF

 EB86FF

 D507FF

 EFA0FF

 D400FF

 F3B9FF

 F7D3FF

 FCECFF

FFFFFF

Harmonies

Analogous

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



3787FF



E253FF



FF00AE

Triad

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



E253FF



C68900



00B8D4

Complementary

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



E253FF



70FF53

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.



00B67A



E253FF



76A300

Square

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



E253FF



FF5D00



00B00E



00B4FF

Rectangle

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



E253FF



FF0075



00B00E



00B7B7

Sweetspot

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



E253FF



F6CCFF



5373FF



7A6180



000000



808080

Same Dimension

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



E253FF



DC30FF



FF53C9



7D7380



9F00BF



350040

Inverse Universe

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



FF5370



FF3053



53FF89



807375



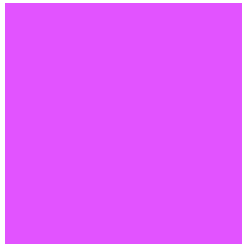
BF0020



40000B

Previews

White Background



This preview shows how the Hex color E253FF looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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

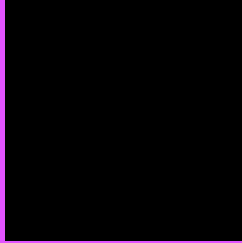
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E253FF Background



This preview shows how black text looks on a background with the Hex color E253FF.

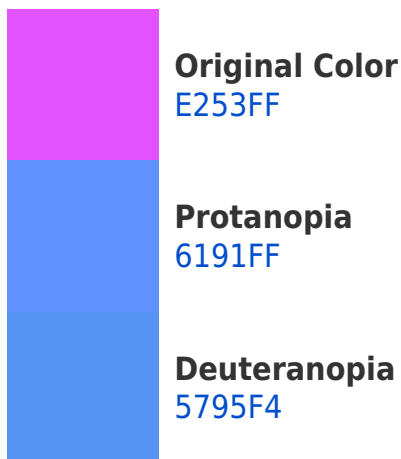



This preview shows how white text looks on a background with the Hex color E253FF.

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](#).

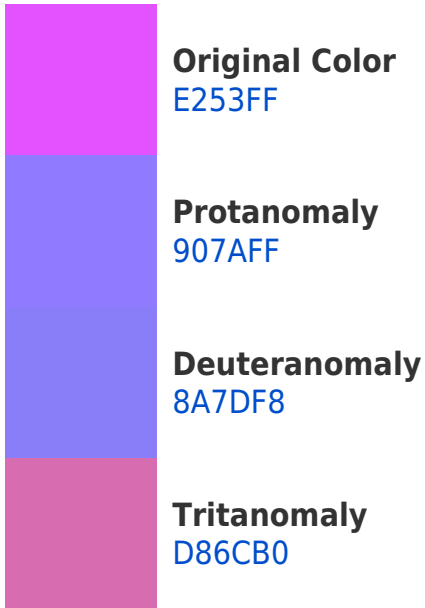
Dichromacy



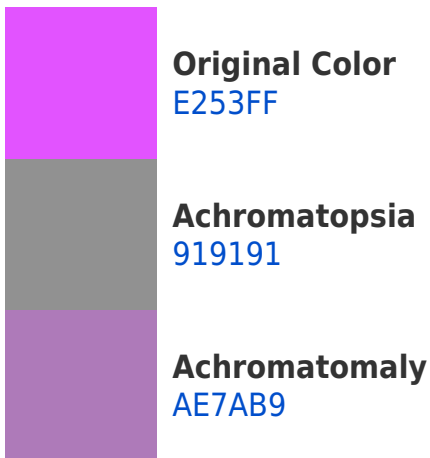


Tritanopia
D27A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E253FF 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 #E253FF looks like.

```
.text, #text, p{  
    color:#E253FF  
}
```

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 #E253FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E253FF
}
```

Border

The CSS property to change the border of an element to Hex E253FF 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
#E253FF }
```

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

```
.border{ border-color:#E253FF }
```

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

Here you see how a box with a 4 pixel #E253FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E253FF; -webkit-box-shadow:4px 4px  
4px 4px #E253FF; box-shadow:4px 4px 4px  
4px #E253FF }
```

Background

The CSS property to change the background color of an element to Hex E253FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E253FF }
```

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

```
.background{ background-color:#E253FF }
```

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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