

Converting Colors

Hex(E266FF)

Have a look what the booklet for
Hex(E266FF) contains.

Hex(E266FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E266FF)

Conversions

Conversions Part 1

Format	Color
Hex	E266FF
RGB	226, 102, 255
RGB Percent	89%, 40%, 100%
CMY	0.1137, 0.6000, 0.0000
CMYK	0.11, 0.60, 0.00, 0.00
HSL	289°, 100%, 70%
HSV	289°, 60%, 100%
XYZ	54.1654, 32.8915, 98.1016
YIQ	156.5180, 24.7910, 73.8710

Conversions

Conversions Part 2

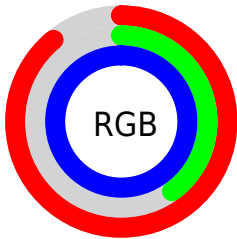
Format	Color
R _Y B	226, 102, 255
Decimal	14837503
CIE _{Lab}	64.07, 69.40, -55.11
CIE _{LCh}	64, 88.618, 321.545
Yxy	32.8915, 0.2925, 0.1776
Android (android.graphics.Color)	4293027583 (0xFFE266FF)
YUV	156.5180, 48.5516, 60.9357
Hunter-Lab	57.3511, 68.2204, -61.2724

Details

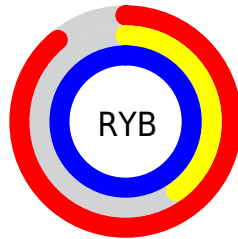
The Hex color **E266FF** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **83FF66**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FF9FFF**, and **A729C5** is the 20% darker color. If you saturate the color by 10%, you get **DD4DFF**, and if you desaturate by 10%, it is **E780FF**.

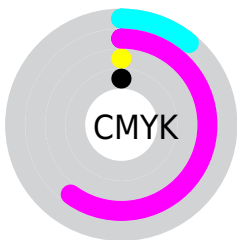
Distribution



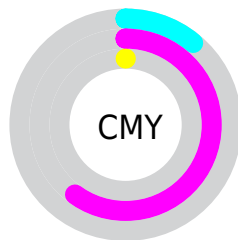
- Red (89%)
- Green (40%)
- Blue (100%)



- Red (89%)
- Yellow (40%)
- Blue (100%)



- Cyan (11%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color E266FF 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 E266FF by changing the saturation by 10% instead.

 E266FF

 E266FF

FFFFFF

 C449E2

 FF9FFF

 A729C5

 FFBCFF

 8A00AA

 FFD9FF

 6E008F

 FFF6FF

 520074

 36005B

 190043

 00032B

 000115

 E266FF

 E266FF

 DD4DFF

 E780FF

 D833FF

 EC99FF

 D319FF

 F1B3FF

 CF00FF

 F5CCFF

 FAE6FF

FFFFFF

Harmonies

Analogous

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



5790FF



E266FF



FF38B5

Triad

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



E266FF



CE9000



00BDD3

Complementary

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



E266FF



83FF66

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.



00BC81



E266FF



85A800

Square

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



E266FF



FF6B13



00B62B



00B9FF

Rectangle

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



E266FF



FF3380



00B62B



00BDB9

Sweetspot

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



E266FF



F6D1FF



6685FF



7A6380



000000



808080

Same Dimension

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



E266FF



DC47FF



FF66D1



7D7380



9B00BF



340040

Inverse Universe

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



FF6683



FF476A



66FF94



807375



BF0024



40000C

Previews

White Background



This preview shows how the Hex color E266FF 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

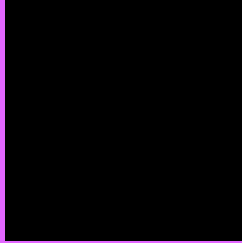
Any Text WCAG AA ✓ Pass

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 E266FF Background



This preview shows how black text looks on a background with the Hex color E266FF.

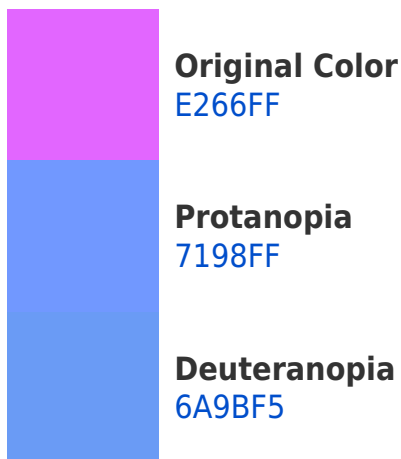



This preview shows how white text looks on a background with the Hex color E266FF.

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
D3858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E266FF 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 #E266FF looks like.

```
.text, #text, p{  
    color:#E266FF  
}
```

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 #E266FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E266FF }  
}
```

Border

The CSS property to change the border of an element to Hex E266FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

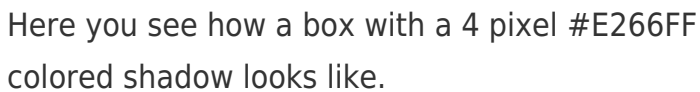
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #E266FF }  
}
```

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

```
.border{ border-color:#E266FF }
```

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



Here you see how a box with a 4 pixel #E266FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E266FF; -webkit-box-shadow:4px 4px  
4px 4px #E266FF; box-shadow:4px 4px 4px  
4px #E266FF }
```

Background

The CSS property to change the background color of an element to Hex E266FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E266FF }
```

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

```
.background{ background-color:#E266FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor