

Converting Colors

Hex(E456FF)

Have a look what the booklet for
Hex(E456FF) contains.

Hex(E456FF)	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(E456FF)

Conversions

Conversions Part 1

Format	Color
Hex	E456FF
RGB	228, 86, 255
RGB Percent	89%, 34%, 100%
CMY	0.1059, 0.6627, 0.0000
CMYK	0.11, 0.66, 0.00, 0.00
HSL	290°, 100%, 67%
HSV	290°, 66%, 100%
XYZ	53.3727, 30.3696, 97.6566
YIQ	147.7240, 30.3830, 82.6630

Conversions

Conversions Part 2

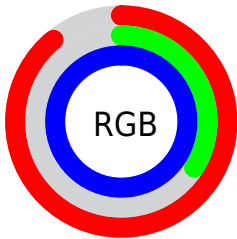
Format	Color
R _{YB}	228, 86, 255
Decimal	14964479
CIE _{Lab}	61.97, 76.42, -58.44
CIE _{LCh}	62, 96.206, 322.594
Yxy	30.3696, 0.2942, 0.1674
Android (android.graphics.Color)	4293154559 (0xFFE456FF)
YUV	147.7240, 52.8871, 70.4021
Hunter-Lab	55.1086, 76.4373, -66.4904

Details

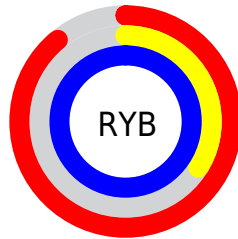
The Hex color **E456FF** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **71FF56**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FF91FF**, and **A902C5** is the 20% darker color. If you saturate the color by 10%, you get **E03DFF**, and if you desaturate by 10%, it is **E870FF**.

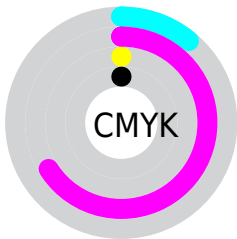
Distribution



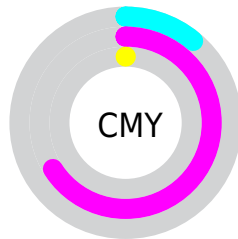
- Red (89%)
- Green (34%)
- Blue (100%)



- Red (89%)
- Yellow (34%)
- Blue (100%)



- Cyan (11%)
- Magenta (66%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (66%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color E456FF 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 E456FF by changing the saturation by 10% instead.

 E456FF

 E456FF

FFFFFF

 C636E2

 FF91FF

 A902C5

 FFAEFF

 8B00AA

 FFCBFF

 6F008E

 FFE9FF

 520074

 37005B

 160042

 00032B

 000115

 E456FF

 E456FF

 E03DFF

 E870FF

 DC23FF

 EC89FF

 D80AFF

 F0A3FF

 D600FF

 F4BCFF

 F8D6FF

 FCEFFF

FFFFFF

Harmonies

Analogous

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



4489FF



E456FF



FF00AF

Triad

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



E456FF



C78B00



00B9D5

Complementary

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



E456FF



71FF56

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.



00B87D



E456FF



78A400

Square

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



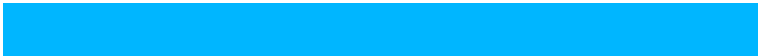
E456FF



FF6100



00B217



00B6FF

Rectangle

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



E456FF



FF0076



00B217



00B9B9

Sweetspot

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



E456FF



F7CCFF



5672FF



7B6180



000000



808080

Same Dimension

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



E456FF



DE33FF



FF56C7



7D7380



A100BF



360040

Inverse Universe

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



FF5671



FF3354



56FF8E



807375



BF001F



40000A

Previews

White Background



This preview shows how the Hex color E456FF 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

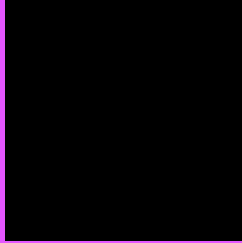
Any Text WCAG AA ✓ Pass

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 E456FF Background



This preview shows how black text looks on a background with the Hex color E456FF.

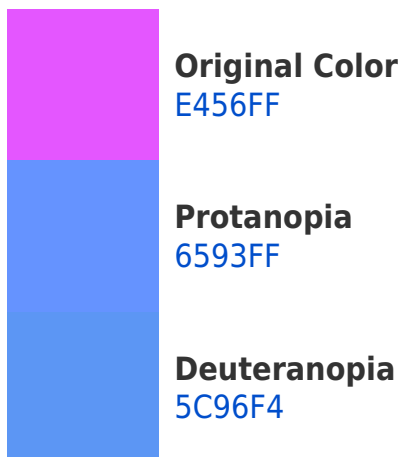


This preview shows how white text looks on a background with the Hex color E456FF.

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
D47C85

Trichromacy



Original Color
E456FF



Protanomaly
937DFF



Deuteranomaly
8D7FF8



Tritanomaly
DA6EB1

Monochromacy



Original Color
E456FF



Achromatopsia
949494



Achromatomaly
B17DBB

CSS Examples

Text

The CSS property to change the color of the text to Hex E456FF 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 #E456FF looks like.

```
.text, #text, p{  
    color:#E456FF  
}
```

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 #E456FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E456FF
}
```

Border

The CSS property to change the border of an element to Hex E456FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

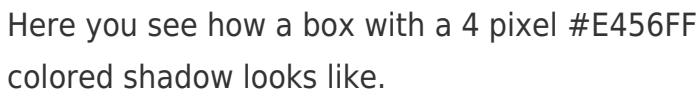
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E456FF }
```

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

```
.border{ border-color:#E456FF }
```

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



Here you see how a box with a 4 pixel #E456FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E456FF; -webkit-box-shadow:4px 4px  
4px 4px #E456FF; box-shadow:4px 4px 4px  
4px #E456FF }
```

Background

The CSS property to change the background color of an element to Hex E456FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E456FF }
```

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

```
.background{ background-color:#E456FF }
```

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