

Converting Colors

Hex(7E33FF)

Have a look what the booklet for
Hex(7E33FF) contains.

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Color

Hex(7E33FF)

Conversions

Conversions Part 1

Format	Color
Hex	7E33FF
RGB	126, 51, 255
RGB Percent	49%, 20%, 100%
CMY	0.5059, 0.8000, 0.0000
CMYK	0.51, 0.80, 0.00, 0.00
HSL	262°, 100%, 60%
HSV	262°, 80%, 100%
XYZ	27.8380, 14.0233, 95.8473
YIQ	96.6810, -20.7840, 79.3440

Conversions

Conversions Part 2

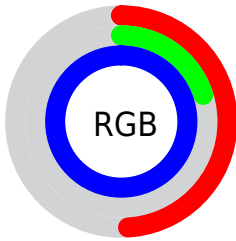
Format	Color
R_{YB}	126, 51, 255
Decimal	8270847
CIE _{Lab}	44.27, 72.28, -87.77
CIE _{LCh}	44, 113.702, 309.473
Yxy	14.0233, 0.2022, 0.1018
Android (android.graphics.Color)	4286460927 (0xFF7E33FF)
YUV	96.6810, 78.0513, 25.7128
Hunter-Lab	37.4477, 67.1607, -125.5394

Details

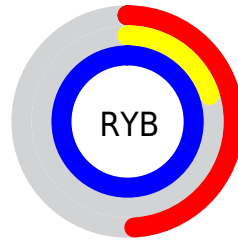
The Hex color **7E33FF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **B4FF33**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **BD6BFF**, and **3700C5** is the 20% darker color. If you saturate the color by 10%, you get **6E19FF**, and if you desaturate by 10%, it is **8E4DFF**.

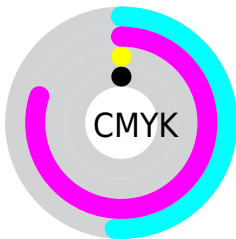
Distribution



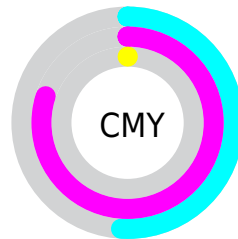
- Red (49%)
- Green (20%)
- Blue (100%)



- Red (49%)
- Yellow (20%)
- Blue (100%)



- Cyan (51%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E33FF 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 7E33FF by changing the saturation by 10% instead.

 7E33FF

 7E33FF

FFFFFF

 5D0FE2

 BD6BFF

 3700C5

 DC87FF

 0000A9

 FBA3FF

 00008D

 FFBFFF

 000072

 FFDCFF

 000959

 FFFAFF

 000740

 000329

 000113

 7E33FF

 7E33FF

 6E19FF

 8E4DFF

 5E00FF

 9E66FF

 AE80FF

 BE99FF

 CFB3FF

 DFCCFF

 EFE6FF

FFFFFF

Harmonies

Analogous

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



0070FF



7E33FF



E600AD

Triad

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



7E33FF



B24800



008986

Complementary

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



7E33FF



B4FF33

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.



00861B



7E33FF



656F00

Square

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



7E33FF



E90000



008000



008BE2

Rectangle

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



7E33FF



FE006F



008000



008865

Sweetspot

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



7E33FF



D8C2FF



33B4FF



685B80



000000



808080

Same Dimension

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



7E33FF



640AFF



E433FF



777380



4600BF



170040

Inverse Universe

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



FF33B4



FF0AA5



4EFF33



80737B



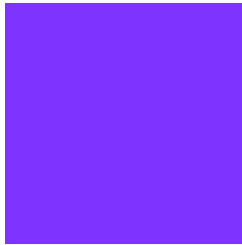
BF0079



400028

Previews

White Background



This preview shows how the Hex color 7E33FF looks on a white 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

Black 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

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

Hex 7E33FF Background



This preview shows how black text looks on a background with the Hex color 7E33FF.

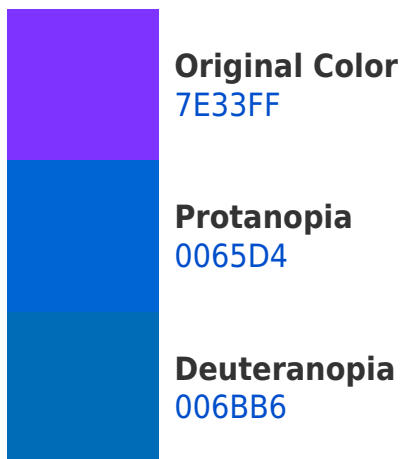



This preview shows how white text looks on a background with the Hex color 7E33FF.

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
566C74

Trichromacy



Original Color
7E33FF



Protanomaly
2E53E4



Deuteranomaly
2E57D1



Tritanomaly
6557A7

Monochromacy



Original Color
7E33FF



Achromatopsia
616161



Achromatomaly
6C509A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E33FF 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 #7E33FF looks like.

```
.text, #text, p{  
    color:#7E33FF  
}
```

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 #7E33FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E33FF
}
```

Border

The CSS property to change the border of an element to Hex 7E33FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

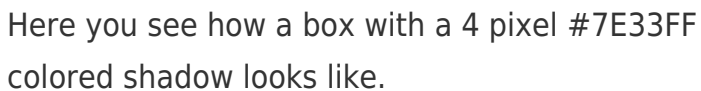
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E33FF }
```

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

```
.border{ border-color:#7E33FF }
```

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



Here you see how a box with a 4 pixel #7E33FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E33FF; -webkit-box-shadow:4px 4px  
4px 4px #7E33FF; box-shadow:4px 4px 4px  
4px #7E33FF }
```

Background

The CSS property to change the background color of an element to Hex 7E33FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E33FF }
```

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

```
.background{ background-color:#7E33FF }
```

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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