

Converting Colors

Hex(7E36DC)

Have a look what the booklet for
Hex(7E36DC) contains.

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Color

Hex(7E36DC)

Conversions

Conversions Part 1

Format	Color
Hex	7E36DC
RGB	126, 54, 220
RGB Percent	49%, 21%, 86%
CMY	0.5059, 0.7882, 0.1373
CMYK	0.43, 0.75, 0.00, 0.14
HSL	266°, 70%, 54%
HSV	266°, 75%, 86%
XYZ	22.8416, 12.2413, 68.8691
YIQ	94.4520, -10.3740, 66.8900

Conversions

Conversions Part 2

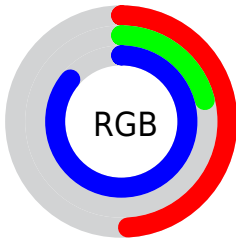
Format	Color
R_{YB}	126, 54, 220
Decimal	8271580
CIE _{Lab}	41.60, 62.60, -72.37
CIE _{LCh}	42, 95.690, 310.857
Yxy	12.2413, 0.2197, 0.1178
Android (android.graphics.Color)	4286461660 (0xFF7E36DC)
YUV	94.4520, 61.8952, 27.6676
Hunter-Lab	34.9875, 55.3057, -92.2146

Details

The Hex color **7E36DC** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **94DC36**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **B96CFF**, and **4000A4** is the 20% darker color. If you saturate the color by 10%, you get **7220DC**, and if you desaturate by 10%, it is **8A4CDC**.

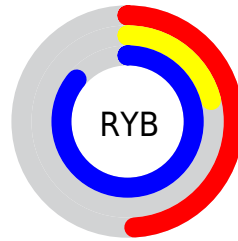
Distribution



Red (49%)

Green (21%)

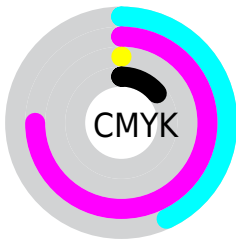
Blue (86%)



Red (49%)

Yellow (21%)

Blue (86%)

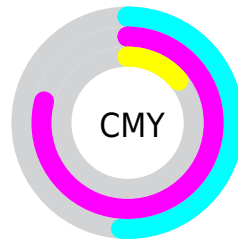


Cyan (43%)

Magenta (75%)

Yellow (0%)

Black (14%)



Cyan (51%)

Magenta (79%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E36DC 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 7E36DC by changing the saturation by 10% instead.

7E36DC

7E36DC

FFFFFF

6018BF

B96CFF

4000A4

D787FF

190088

F6A3FF

00006E

FFBFFF

000055

FFDBFF

00063C

FFF9FF

000226

00010E

000000

 7E36DC

 7E36DC

 7220DC

 8A4CDC

 650ADC

 9762DC

 5F00DC

 A378DC

 B08EDC

 BCA4DC

 C9BADDC

 D5D0DC

 E2E6DC

 EEFCDC

Harmonies

Analogous

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



0065FF



7E36DC



CE0098

Triad

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



7E36DC



A04A00



007F7E

Complementary

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



7E36DC



94DC36

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.



007C29



7E36DC



5E6800

Square

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



7E36DC



CF0000



007600



007FCA

Rectangle

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



7E36DC



E10064



007600



007E63

Sweetspot

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



7E36DC



DEC4FF



3694DC



6B5C80



000000



808080

Same Dimension

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



7E36DC



7C17FF



D136DC



67636E



4B00AD



14002E

Inverse Universe

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



DC3694



FF179A



41DC36



6E6369



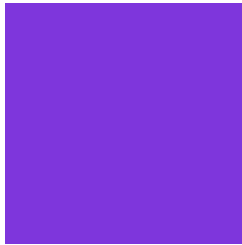
AD0062



2E001A

Previews

White Background



This preview shows how the Hex color 7E36DC looks on a white background.

Color Contrast Check

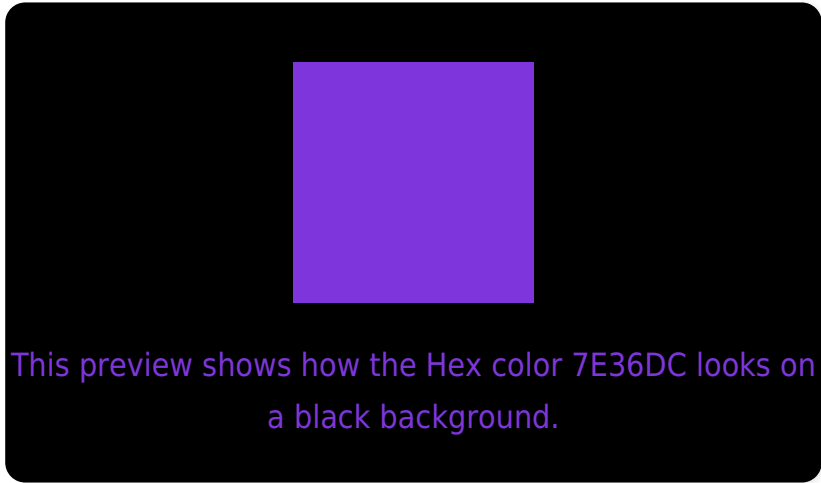
Large Text (above 18pt) WCAG AA ✓ Pass

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

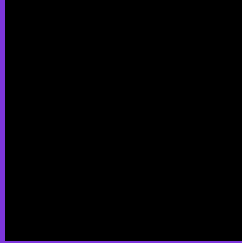
Any Text WCAG AA × Fail

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 7E36DC Background



This preview shows how black text looks on a background with the Hex color 7E36DC.

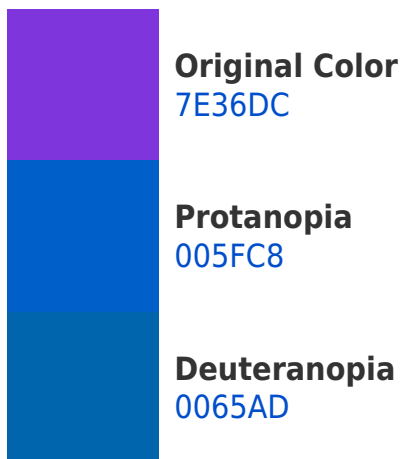


This preview shows how white text looks on a background with the Hex color 7E36DC.

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
636169

Trichromacy



Original Color
7E36DC



Protanomaly
2E50CF



Deuteranomaly
2E54BE



Tritanomaly
6D5193

Monochromacy



Original Color
7E36DC



Achromatopsia
5E5E5E



Achromatomaly
6A4F8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7E36DC 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 #7E36DC looks like.

```
.text, #text, p{  
    color:#7E36DC  
}
```

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 #7E36DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E36DC
}
```

Border

The CSS property to change the border of an element to Hex 7E36DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

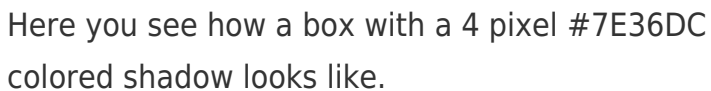
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E36DC }
```

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

```
.border{ border-color:#7E36DC }
```

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



Here you see how a box with a 4 pixel #7E36DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E36DC; -webkit-box-shadow:4px 4px  
4px 4px #7E36DC; box-shadow:4px 4px 4px  
4px #7E36DC }
```

Background

The CSS property to change the background color of an element to Hex 7E36DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E36DC }
```

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

```
.background{ background-color:#7E36DC }
```

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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