

Converting Colors

Hex(7A86DC)

Have a look what the booklet for
Hex(7A86DC) contains.

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Color

Hex(7A86DC)

Conversions

Conversions Part 1

Format	Color
Hex	7A86DC
RGB	122, 134, 220
RGB Percent	48%, 53%, 86%
CMY	0.5216, 0.4745, 0.1373
CMYK	0.45, 0.39, 0.00, 0.14
HSL	233°, 58%, 67%
HSV	233°, 45%, 86%
XYZ	29.4694, 26.3551, 71.2440
YIQ	140.2160, -34.7580, 24.2020

Conversions

Conversions Part 2

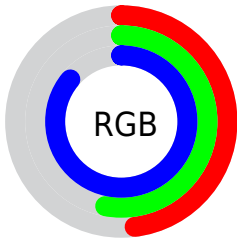
Format	Color
R _{YB}	122, 133, 220
Decimal	8029916
CIE Lab	58.37, 17.84, -45.40
CIE LCh	58, 48.782, 291.454
Yxy	26.3551, 0.2319, 0.2074
Android (android.graphics.Color)	4286219996 (0xFF7A86DC)
YUV	140.2160, 39.3335, -15.9754
Hunter-Lab	51.3372, 12.6254, -46.3446

Details

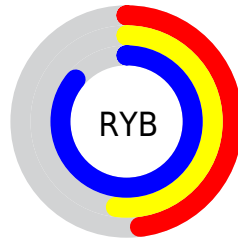
The Hex color **7A86DC** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DCD07A**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B2BBFF**, and **4255A4** is the 20% darker color. If you saturate the color by 10%, you get **6473DC**, and if you desaturate by 10%, it is **9099DC**.

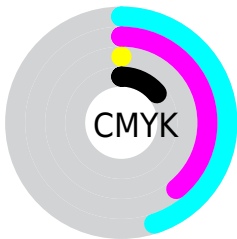
Distribution



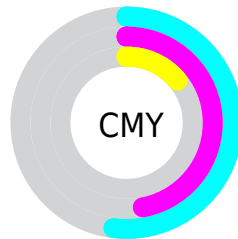
- Red (48%)
- Green (53%)
- Blue (86%)



- Red (48%)
- Yellow (52%)
- Blue (86%)



- Cyan (45%)
- Magenta (39%)
- Yellow (0%)
- Black (14%)



- Cyan (52%)
- Magenta (47%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A86DC 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 7A86DC by changing the saturation by 10% instead.

■ 7A86DC

■ 7A86DC

FFFFFF

■ 5E6DC0

■ B2BBFF

■ 4255A4

■ CFD7FF

■ 223E8A

■ ECF3FF

■ 002870

■ 001557

■ 00003F

■ 000328

■ 000112

■ 000000

 7A86DC

 7A86DC

 6473DC

 9099DC

 4E5FDC

 A6ADDC

 384CDC

 BCC0DC

 2239DC

 D2D3DC

 0C25DC

 E8E7DC

 001BDC

 FEFADC

 FFFFDC

Harmonies

Analogous

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



0095E1



7A86DC



B575C2

Triad

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



7A86DC



CD764B



00A17E

Complementary

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



7A86DC



DCD07A

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.



539C55



7A86DC



AF8634

Square

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



7A86DC



DB6970



869338



00A1AA

Rectangle

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



7A86DC



CD6BA9



869338



13A070

Sweetspot

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



7A86DC



DEE2FF



7ADCCF



6B6E80



000000



808080

Same Dimension

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



7A86DC



7888FF



9E7ADC



63646E



0015AD



00062E

Inverse Universe

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



DC7A86



FF7888



B8DC7A



6E6364



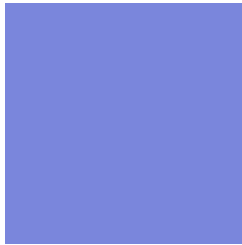
AD0015



2E0006

Previews

White Background



This preview shows how the Hex color 7A86DC looks on a white background.

Color Contrast Check

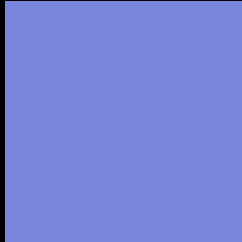
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7A86DC looks on a 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 7A86DC Background



This preview shows how black text looks on a background with the Hex color 7A86DC.



This preview shows how white text looks on a background with the Hex color 7A86DC.

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](#).

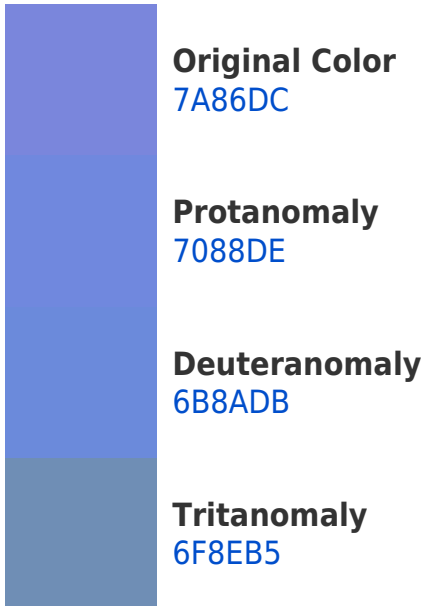
Dichromacy



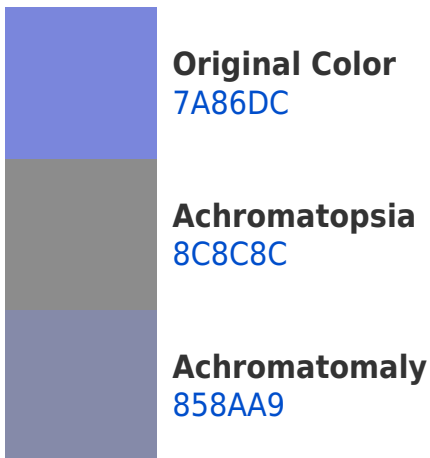


Tritanopia
69939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A86DC 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 #7A86DC looks like.

```
.text, #text, p{  
    color:#7A86DC  
}
```

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 #7A86DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A86DC  
}
```

Border

The CSS property to change the border of an element to Hex 7A86DC 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  
#7A86DC }
```

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

```
.border{ border-color:#7A86DC }
```

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

Here you see how a box with a 4 pixel #7A86DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A86DC; -webkit-box-shadow:4px 4px  
4px 4px #7A86DC; box-shadow:4px 4px 4px  
4px #7A86DC }
```

Background

The CSS property to change the background color of an element to Hex 7A86DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A86DC }
```

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

```
.background{ background-color:#7A86DC }
```

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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