

Converting Colors

Hex(7880DC)

Have a look what the booklet for
Hex(7880DC) contains.

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Color

Hex(7880DC)

Conversions

Conversions Part 1

Format	Color
Hex	7880DC
RGB	120, 128, 220
RGB Percent	47%, 50%, 86%
CMY	0.5294, 0.4980, 0.1373
CMYK	0.45, 0.42, 0.00, 0.14
HSL	235°, 59%, 67%
HSV	235°, 45%, 86%
XYZ	28.3832, 24.5987, 70.9622
YIQ	136.0960, -34.3000, 26.9160

Conversions

Conversions Part 2

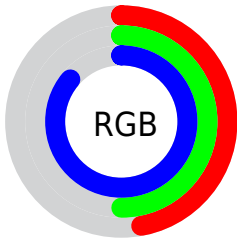
Format	Color
R_{YB}	120, 127, 220
Decimal	7897308
CIE _{Lab}	56.68, 20.92, -48.09
CIE _{LCh}	57, 52.439, 293.509
Yxy	24.5987, 0.2290, 0.1985
Android (android.graphics.Color)	4286087388 (0xFF7880DC)
YUV	136.0960, 41.3647, -14.1162
Hunter-Lab	49.5971, 15.3561, -50.1126

Details

The Hex color **7880DC** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DCD478**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B1B5FF**, and **3F4FA4** is the 20% darker color. If you saturate the color by 10%, you get **626CDC**, and if you desaturate by 10%, it is **8E94DC**.

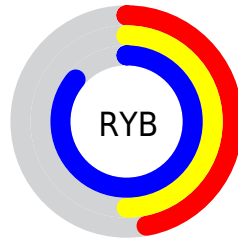
Distribution



Red (47%)

Green (50%)

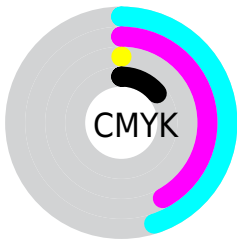
Blue (86%)



Red (47%)

Yellow (50%)

Blue (86%)

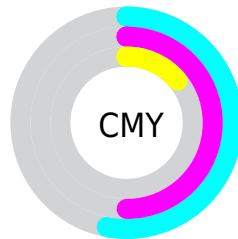


Cyan (45%)

Magenta (42%)

Yellow (0%)

Black (14%)



Cyan (53%)

Magenta (50%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7880DC 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 7880DC by changing the saturation by 10% instead.

 7880DC

 7880DC

FFFFFF

 5C67C0

 B1B5FF

 3F4FA4

 CDD0FF

 1E398A

 EBECFF

 002370

 001057

 00013F

 000328

 000112

 000000

 7880DC

 7880DC

 626CDC

 8E94DC

 4C58DC

 A4A8DC

 3643DC

 BABDDC

 202FDC

 D0D1DC

 0A1BDC

 E6E5DC

 0012DC

 FCF9DC

 FFFFDC

Harmonies

Analogous

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



0090E3



7880DC



B66DBF

Triad

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



7880DC



CA703F



009E7C

Complementary

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



7880DC



DCD478

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.



43994F



7880DC



A98227

Square

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



7880DC



DB6166



7D902D



009EAB

Rectangle

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



7880DC



CE62A3



7D902D



009D6C

Sweetspot

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



7880DC



DBDEFF



78DCD4



6A6C80



000000



808080

Same Dimension

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



7880DC



737EFF



A278DC



63646E



000EAD



00042E

Inverse Universe

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



DC7880



FF737E



B2DC78



6E6364



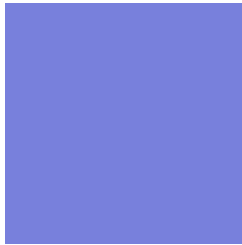
AD000E



2E0004

Previews

White Background



This preview shows how the Hex color 7880DC looks on a white background.

Color Contrast Check

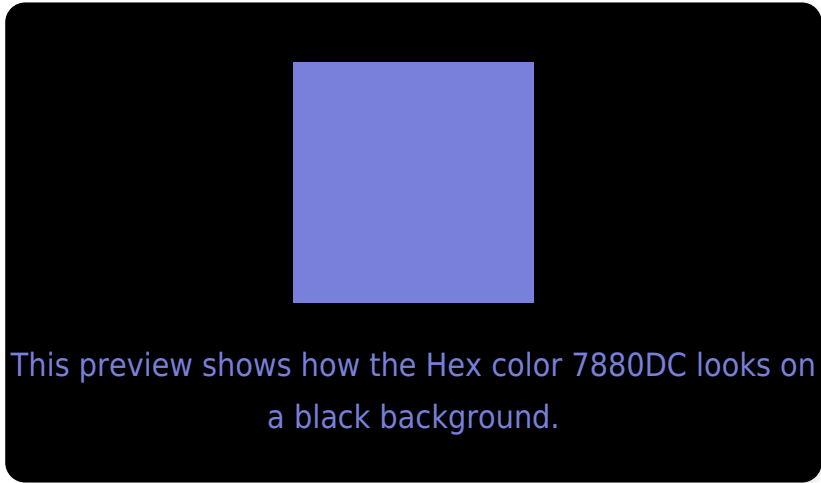
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 7880DC Background



This preview shows how black text looks on a background with the Hex color 7880DC.

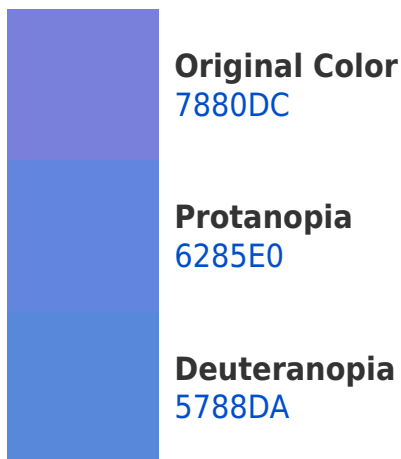


This preview shows how white text looks on a background with the Hex color 7880DC.

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](#).

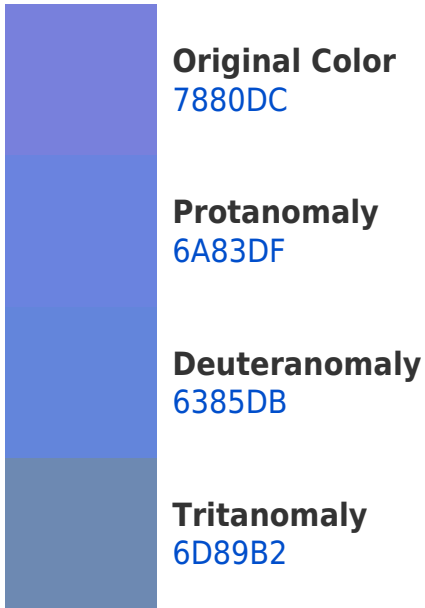
Dichromacy





Tritanopia
668E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7880DC 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 #7880DC looks like.

```
.text, #text, p{  
    color:#7880DC  
}
```

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 #7880DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7880DC
}
```

Border

The CSS property to change the border of an element to Hex 7880DC 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
#7880DC }
```

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

```
.border{ border-color:#7880DC }
```

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

Here you see how a box with a 4 pixel #7880DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7880DC; -webkit-box-shadow:4px 4px  
4px 4px #7880DC; box-shadow:4px 4px 4px  
4px #7880DC }
```

Background

The CSS property to change the background color of an element to Hex 7880DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7880DC }
```

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

```
.background{ background-color:#7880DC }
```

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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