

Converting Colors

Hex(7987DF)

Have a look what the booklet for
Hex(7987DF) contains.

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Color

Hex(7987DF)

Conversions

Conversions Part 1

Format	Color
Hex	7987DF
RGB	121, 135, 223
RGB Percent	47%, 53%, 87%
CMY	0.5255, 0.4706, 0.1255
CMYK	0.46, 0.39, 0.00, 0.13
HSL	232°, 61%, 67%
HSV	232°, 46%, 87%
XYZ	29.8684, 26.7206, 73.3954
YIQ	140.8460, -36.5920, 24.4000

Conversions

Conversions Part 2

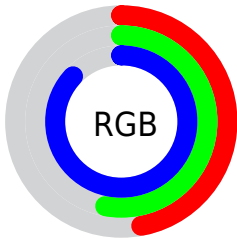
Format	Color
RYB	121, 133, 223
Decimal	7964639
CIELab	58.71, 17.89, -46.54
CIELCh	59, 49.861, 291.023
Yxy	26.7206, 0.2298, 0.2056
Android (android.graphics.Color)	4286154719 (0xFF7987DF)
YUV	140.8460, 40.5019, -17.4049
Hunter-Lab	51.6920, 12.6791, -47.9991

Details

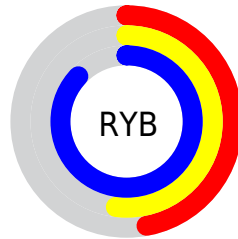
The Hex color **7987DF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DFD179**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B2BCFF**, and **4056A7** is the 20% darker color. If you saturate the color by 10%, you get **6374DF**, and if you desaturate by 10%, it is **8F9ADF**.

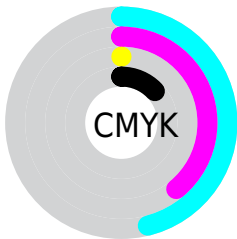
Distribution



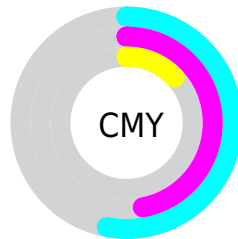
- Red (47%)
- Green (53%)
- Blue (87%)



- Red (47%)
- Yellow (52%)
- Blue (87%)



- Cyan (46%)
- Magenta (39%)
- Yellow (0%)
- Black (13%)



- Cyan (53%)
- Magenta (47%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7987DF 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 7987DF by changing the saturation by 10% instead.

 7987DF

 7987DF

FFFFFF

 5D6EC3

 B2BCFF

 4056A7

 CED8FF

 1F3F8C

 ECF4FF

 002972

 001659

 000042

 00032A

 000115

 000000

 7987DF

 7987DF

 6374DF

 8F9ADF

 4C61DF

 A6ADDF

 364DDF

 BCC1DF

 203ADF

 D2D4DF

 0A27DF

 E9E7DF

 001FDF

 FFFADF

 FFFFDF

Harmonies

Analogous

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



0096E3



7987DF



B675C5

Triad

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



7987DF



CF764A



00A27E

Complementary

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



7987DF



DFD179

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.



539D54



7987DF



B18633

Square

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



7987DF



DE6970



889436



00A3AB

Rectangle

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



7987DF



CF6BAB



889436



0EA16F

Sweetspot

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



7987DF



DBE0FF



79DFD0



6A6D80



000000



808080

Same Dimension

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



7987DF



7386FF



9D79DF



656770



0018B0



000730

Inverse Universe

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



DF7987



FF7386



BBDF79



706567



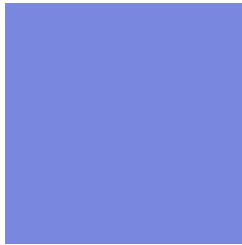
B00018



300007

Previews

White Background



This preview shows how the Hex color 7987DF looks on a white background.

Color Contrast Check

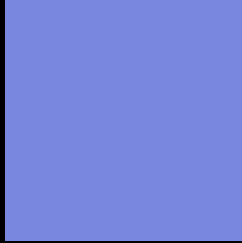
Large Text (above 18pt) WCAG AA ✓ Pass

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 7987DF 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 7987DF Background



This preview shows how black text looks on a background with the Hex color 7987DF.



This preview shows how white text looks on a background with the Hex color 7987DF.

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](#).

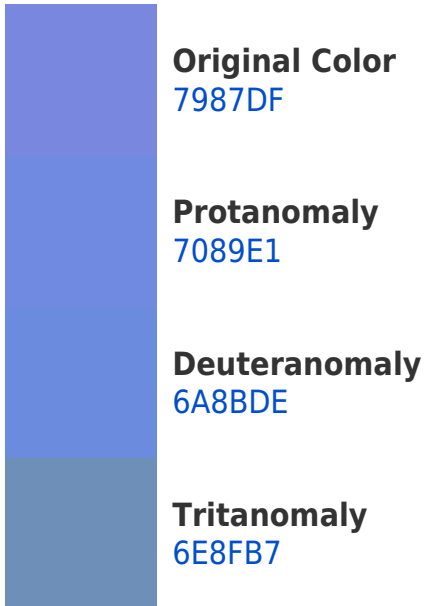
Dichromacy



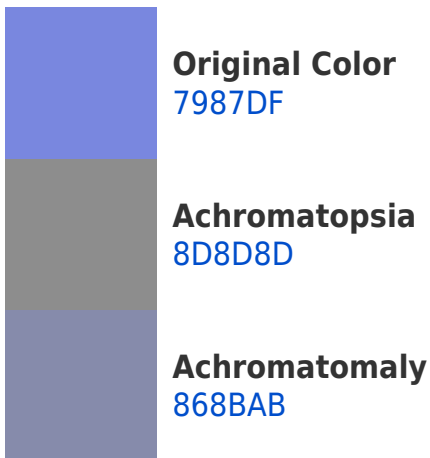


Tritanopia
6794A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7987DF 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 #7987DF looks like.

```
.text, #text, p{  
    color:#7987DF  
}
```

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 #7987DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7987DF
}
```

Border

The CSS property to change the border of an element to Hex 7987DF 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
#7987DF }
```

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

```
.border{ border-color:#7987DF }
```

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

Here you see how a box with a 4 pixel #7987DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7987DF; -webkit-box-shadow:4px 4px  
4px 4px #7987DF; box-shadow:4px 4px 4px  
4px #7987DF }
```

Background

The CSS property to change the background color of an element to Hex 7987DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7987DF }
```

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

```
.background{ background-color:#7987DF }
```

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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