

Converting Colors

Hex(7889D9)

Have a look what the booklet for
Hex(7889D9) contains.

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Color

Hex(7889D9)

Conversions

Conversions Part 1

Format	Color
Hex	7889D9
RGB	120, 137, 217
RGB Percent	47%, 54%, 85%
CMY	0.5294, 0.4627, 0.1490
CMYK	0.45, 0.37, 0.00, 0.15
HSL	229°, 56%, 66%
HSV	229°, 45%, 85%
XYZ	29.2158, 26.8941, 69.2969
YIQ	141.0370, -35.8120, 21.2760

Conversions

Conversions Part 2

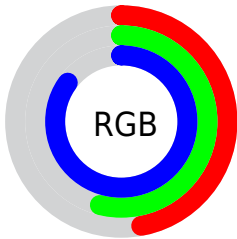
Format	Color
R_{YB}	120, 134, 217
Decimal	7899609
CIE _{Lab}	58.88, 14.70, -42.94
CIE _{LCh}	59, 45.383, 288.896
Yxy	26.8941, 0.2330, 0.2145
Android (android.graphics.Color)	4286089689 (0xFF7889D9)
YUV	141.0370, 37.4498, -18.4494
Hunter-Lab	51.8596, 9.8061, -42.9241

Details

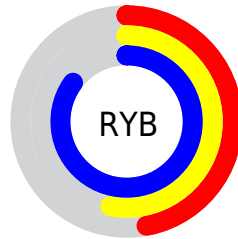
The Hex color **7889D9** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **D9C878**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **B0BEFF**, and **4058A2** is the 20% darker color. If you saturate the color by 10%, you get **6277D9**, and if you desaturate by 10%, it is **8E9BD9**.

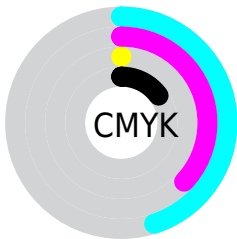
Distribution



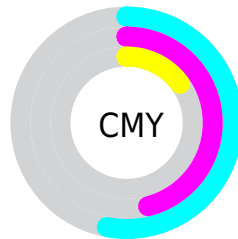
- Red (47%)
- Green (54%)
- Blue (85%)



- Red (47%)
- Yellow (53%)
- Blue (85%)



- Cyan (45%)
- Magenta (37%)
- Yellow (0%)
- Black (15%)



- Cyan (53%)
- Magenta (46%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7889D9 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 7889D9 by changing the saturation by 10% instead.

 7889D9

 7889D9

FFFFFF

 5C70BD

 B0BEFF

 4058A2

 CDDAFF

 214087

 EAF6FF

 002B6D

 001754

 00003D

 000326

 00010F

 000000

■ 7889D9

■ 7889D9

■ 6277D9

■ 8E9BD9

■ 4D65D9

■ A3ADD9

■ 3753D9

■ B9BFD9

■ 2141D9

■ CFD1D9

■ 0B30D9

■ E5E2D9

■ 0026D9

■ FAF4D9

■ FFFFD9

Harmonies

Analogous

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



0096DB



7889D9



B079C2

Triad

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



7889D9



CD7853



00A17D

Complementary

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



7889D9



D9C878

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.



5E9C57



7889D9



B2863E

Square

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



7889D9



D86D76



8C933F



00A2A6

Rectangle

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



7889D9



C870AB



8C933F



33A070

Sweetspot

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



7889D9



DEE4FF



78D9C7



6B6F80



000000



808080

Same Dimension

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



7889D9



758DFF



9778D9



63656E



001EAD



00082E

Inverse Universe

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



D97889



FF758D



BAD978



6E6365



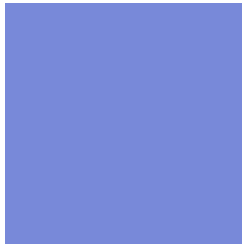
AD001E



2E0008

Previews

White Background



This preview shows how the Hex color 7889D9 looks on a white background.

Color Contrast Check

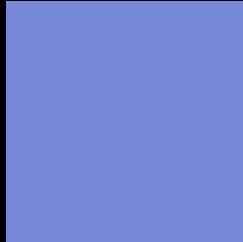
Large Text (above 18pt) WCAG AA ✓ Pass

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 7889D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

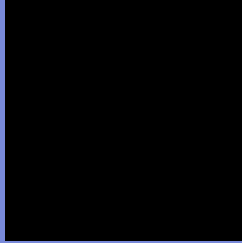
Any Text WCAG AA ✓ Pass

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 7889D9 Background



This preview shows how black text looks on a background with the Hex color 7889D9.

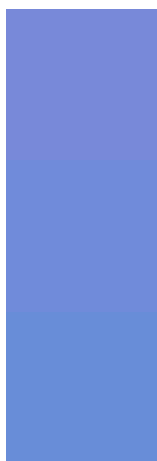


This preview shows how white text looks on a background with the Hex color 7889D9.

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



Original Color
7889D9

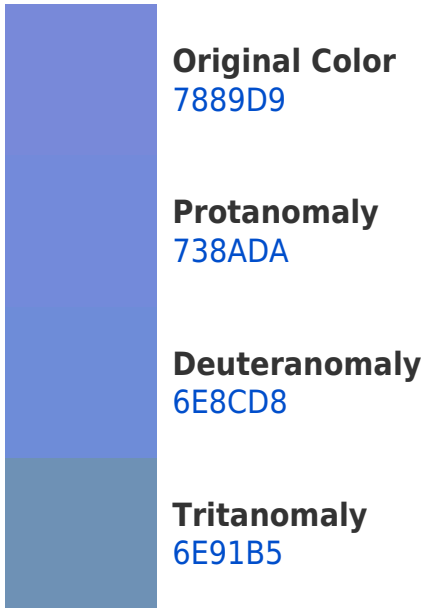
Protanopia
708BDA

Deuteranopia
688DD8

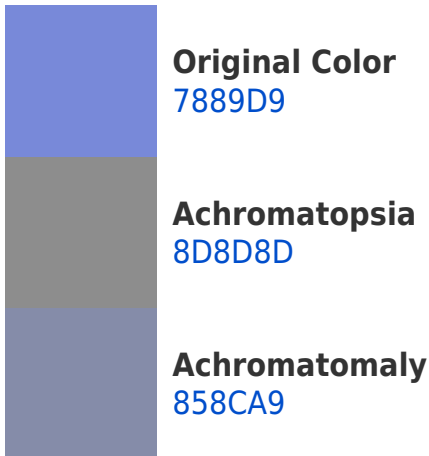


Tritanopia
6895A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7889D9 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 #7889D9 looks like.

```
.text, #text, p{  
    color:#7889D9  
}
```

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 #7889D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7889D9
}
```

Border

The CSS property to change the border of an element to Hex 7889D9 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
#7889D9 }
```

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

```
.border{ border-color:#7889D9 }
```

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

Here you see how a box with a 4 pixel #7889D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7889D9; -webkit-box-shadow:4px 4px  
4px 4px #7889D9; box-shadow:4px 4px 4px  
4px #7889D9 }
```

Background

The CSS property to change the background color of an element to Hex 7889D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7889D9 }
```

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

```
.background{ background-color:#7889D9 }
```

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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