

Converting Colors

Hex(7991DD)

Have a look what the booklet for
Hex(7991DD) contains.

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Color

Hex(7991DD)

Conversions

Conversions Part 1

Format	Color
Hex	7991DD
RGB	121, 145, 221
RGB Percent	47%, 57%, 87%
CMY	0.5255, 0.4314, 0.1333
CMYK	0.45, 0.34, 0.00, 0.13
HSL	226°, 60%, 67%
HSV	226°, 45%, 87%
XYZ	31.0617, 29.5362, 72.4705
YIQ	146.4880, -38.7000, 18.5480

Conversions

Conversions Part 2

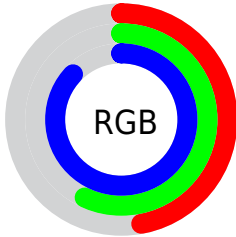
Format	Color
R _Y B	121, 140, 221
Decimal	7967197
CIE Lab	61.25, 11.42, -41.43
CIE LCh	61, 42.973, 285.410
Yxy	29.5362, 0.2334, 0.2220
Android (android.graphics.Color)	4286157277 (0xFF7991DD)
YUV	146.4880, 36.7344, -22.3530
Hunter-Lab	54.3472, 6.9126, -41.0186

Details

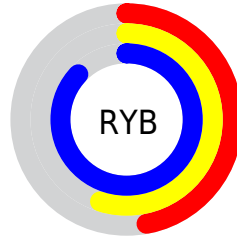
The Hex color **7991DD** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **DDC579**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B1C7FF**, and **415FA5** is the 20% darker color. If you saturate the color by 10%, you get **6380DD**, and if you desaturate by 10%, it is **8FA2DD**.

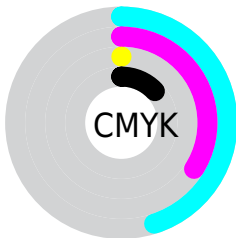
Distribution



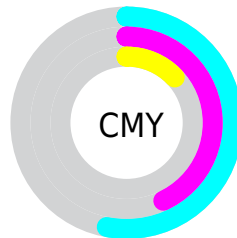
- Red (47%)
- Green (57%)
- Blue (87%)



- Red (47%)
- Yellow (55%)
- Blue (87%)



- Cyan (45%)
- Magenta (34%)
- Yellow (0%)
- Black (13%)



- Cyan (53%)
- Magenta (43%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7991DD 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 7991DD by changing the saturation by 10% instead.

 7991DD

 7991DD


FFFFFF

 5D77C1

 B1C7FF

 415FA5

 CEE3FF

 21488B

 EBFFFF

 003271

 001D58

 000240

 000329

 000113

 000000

 7991DD

 7991DD

 6380DD

 8FA2DD

 4D6FDD

 A5B3DD

 375FDD

 BBC3DD

 214EDD

 D1D4DD

 0A3DDD

 E8E5DD

 0035DD

 FEF6DD

 FFFFDD

Harmonies

Analogous

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



159DDD



7991DD



B082C9

Triad

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



7991DD



D37E5F



32A67F

Complementary

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



7991DD



DDC579

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.



6DA15D



7991DD



BB8B49

Square

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



7991DD



DC7582



989848



00A7A7

Rectangle

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



7991DD



C97AB4



989848



49A573

Sweetspot

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



7991DD



DBE4FF



79DDC4



6A6F80



000000



808080

Same Dimension

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



7991DD



7596FF



9279DD



63656E



002AAD



000B2E

Inverse Universe

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



DD7991



FF7596



C4DD79



6E6365



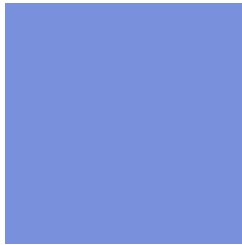
AD002A



2E000B

Previews

White Background



This preview shows how the Hex color 7991DD looks on a white background.

Color Contrast Check

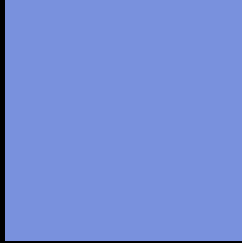
Large Text (above 18pt) WCAG AA ✓ Pass

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 7991DD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

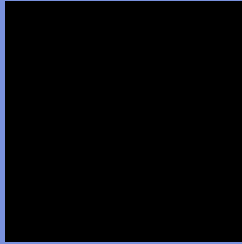
Any Text WCAG AA ✓ Pass

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 7991DD Background



This preview shows how black text looks on a background with the Hex color 7991DD.

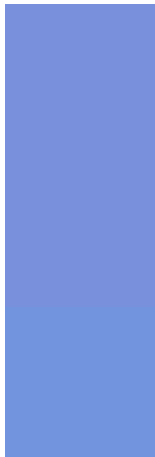


This preview shows how white text looks on a background with the Hex color 7991DD.

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](#).

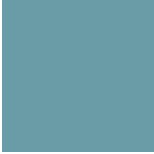
Dichromacy



Original Color
7991DD

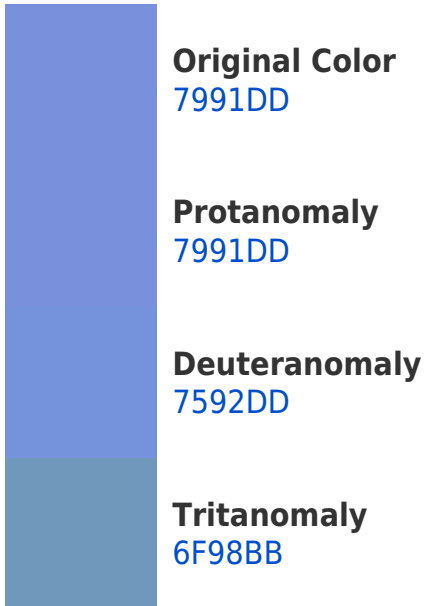
Protanopia
7991DD

Deuteranopia
7293DD

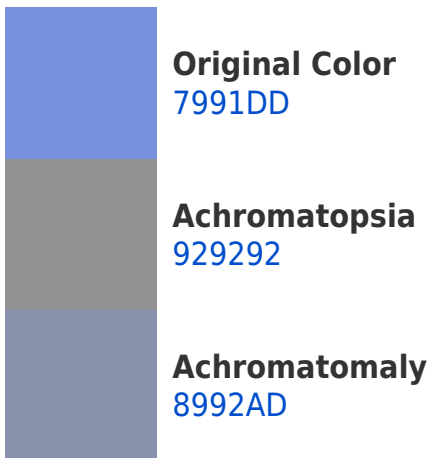


Tritanopia
6A9CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7991DD 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 #7991DD looks like.

```
.text, #text, p{  
    color:#7991DD  
}
```

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 #7991DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7991DD
}
```

Border

The CSS property to change the border of an element to Hex 7991DD 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
#7991DD }
```

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

```
.border{ border-color:#7991DD }
```

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

Here you see how a box with a 4 pixel #7991DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7991DD; -webkit-box-shadow:4px 4px  
4px 4px #7991DD; box-shadow:4px 4px 4px  
4px #7991DD }
```

Background

The CSS property to change the background color of an element to Hex 7991DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7991DD }
```

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

```
.background{ background-color:#7991DD }
```

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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