

Converting Colors

Hex(7994D9)

Have a look what the booklet for
Hex(7994D9) contains.

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Color

Hex(7994D9)

Conversions

Conversions Part 1

Format	Color
Hex	7994D9
RGB	121, 148, 217
RGB Percent	47%, 58%, 85%
CMY	0.5255, 0.4196, 0.1490
CMYK	0.44, 0.32, 0.00, 0.15
HSL	223°, 56%, 66%
HSV	223°, 44%, 85%
XYZ	30.9994, 30.2545, 69.8515
YIQ	147.7930, -38.2410, 15.7350

Conversions

Conversions Part 2

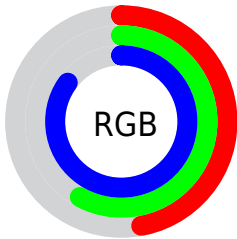
Format	Color
R_{YB}	121, 142, 217
Decimal	7967961
CIE Lab	61.87, 8.51, -38.23
CIE LCh	62, 39.164, 282.552
Yxy	30.2545, 0.2364, 0.2308
Android (android.graphics.Color)	4286158041 (0xFF7994D9)
YUV	147.7930, 34.1191, -23.4975
Hunter-Lab	55.0041, 4.3426, -36.7914

Details

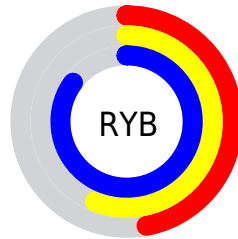
The Hex color **7994D9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D9BE79**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B1CAFF**, and **4262A2** is the 20% darker color. If you saturate the color by 10%, you get **6384D9**, and if you desaturate by 10%, it is **8FA4D9**.

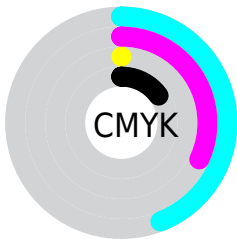
Distribution



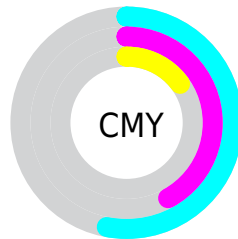
- Red (47%)
- Green (58%)
- Blue (85%)



- Red (47%)
- Yellow (56%)
- Blue (85%)



- Cyan (44%)
- Magenta (32%)
- Yellow (0%)
- Black (15%)



- Cyan (53%)
- Magenta (42%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7994D9 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 7994D9 by changing the saturation by 10% instead.

■ 7994D9

■ 7994D9

FFFFFF

■ 5D7ABD

■ B1CAFF

■ 4262A2

■ CEE6FF

■ 234A87

■ EBFFFF

■ 00346E

■ 001F55

■ 00063D

■ 000327

■ 000110

■ 000000

 7994D9

 7994D9

 6384D9

 8FA4D9

 4E75D9

 A4B3D9

 3865D9

 BAC3D9

 2256D9

 D0D2D9

 0D46D9

 E5E2D9

 003DD9

 FBF2D9

 FFFFD9

Harmonies

Analogous

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



309FD7



7994D9



AC87C9

Triad

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



7994D9



D28168



48A680

Complementary

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



7994D9



D9BE79

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.



77A161



7994D9



BD8C53

Square

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



7994D9



D87A88



9D9850



00A8A3

Rectangle

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



7994D9



C37FB6



9D9850



59A574

Sweetspot

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



7994D9



DEE7FF



79D9BE



6B7180



000000



808080

Same Dimension

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



7994D9



789EFF



8E79D9



63666E



0031AD



000D2E

Inverse Universe

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



D97994



FF789E



C4D979



6E6366



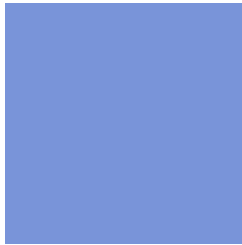
AD0031



2E000D

Previews

White Background



This preview shows how the Hex color 7994D9 looks on a white background.

Color Contrast Check

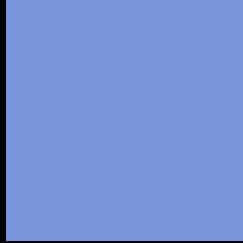
Large Text (above 18pt) WCAG AA × Fail

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 7994D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

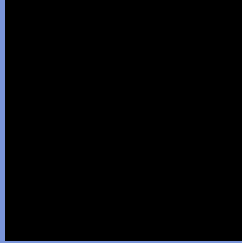
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7994D9 Background



This preview shows how black text looks on a background with the Hex color 7994D9.

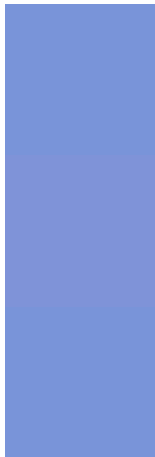


This preview shows how white text looks on a background with the Hex color 7994D9.

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](#).

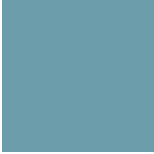
Dichromacy



Original Color
7994D9

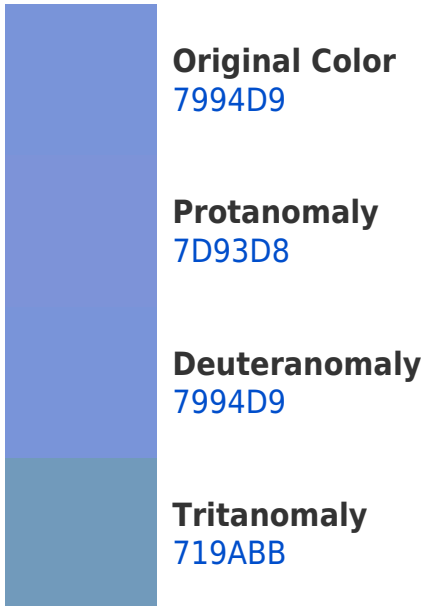
Protanopia
7F93D8

Deuteranopia
7994D9

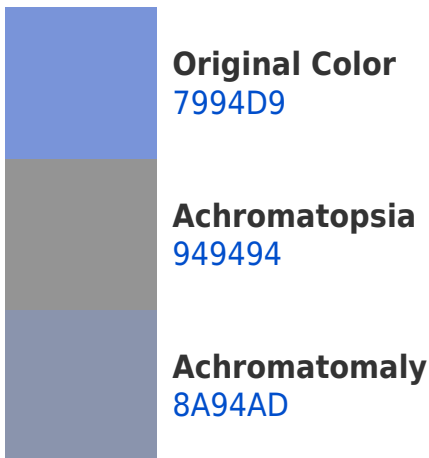


Tritanopia
6C9DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7994D9 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 #7994D9 looks like.

```
.text, #text, p{  
    color:#7994D9  
}
```

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 #7994D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7994D9
}
```

Border

The CSS property to change the border of an element to Hex 7994D9 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
#7994D9 }
```

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

```
.border{ border-color:#7994D9 }
```

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

Here you see how a box with a 4 pixel #7994D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7994D9; -webkit-box-shadow:4px 4px  
4px 4px #7994D9; box-shadow:4px 4px 4px  
4px #7994D9 }
```

Background

The CSS property to change the background color of an element to Hex 7994D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7994D9 }
```

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

```
.background{ background-color:#7994D9 }
```

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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