

Converting Colors

Hex(4998DD)

Have a look what the booklet for
Hex(4998DD) contains.

Hex(4998DD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4998DD)

Conversions

Conversions Part 1

Format	Color
Hex	4998DD
RGB	73, 152, 221
RGB Percent	29%, 60%, 87%
CMY	0.7137, 0.4039, 0.1333
CMYK	0.67, 0.31, 0.00, 0.13
HSL	208°, 69%, 58%
HSV	208°, 67%, 87%
XYZ	27.0270, 29.0934, 72.5977
YIQ	136.2450, -69.2330, 4.7110

Conversions

Conversions Part 2

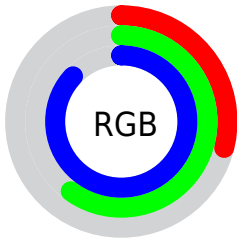
Format	Color
R_{YB}	73, 125, 221
Decimal	4823261
CIE _{Lab}	60.86, -2.52, -42.20
CIE _{LCh}	61, 42.274, 266.587
Yxy	29.0934, 0.2100, 0.2260
Android (android.graphics.Color)	4283013341 (0xFF4998DD)
YUV	136.2450, 41.7842, -55.4659
Hunter-Lab	53.9383, -4.9505, -42.0440

Details

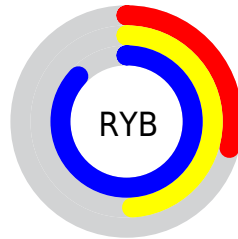
The Hex color **4998DD** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **DD8E49**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **88CEFF**, and **0065A6** is the 20% darker color. If you saturate the color by 10%, you get **338EDD**, and if you desaturate by 10%, it is **5FA2DD**.

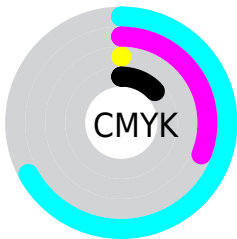
Distribution



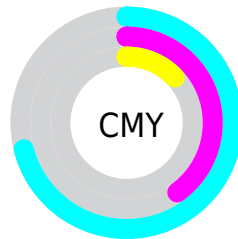
- Red (29%)
- Green (60%)
- Blue (87%)



- Red (29%)
- Yellow (49%)
- Blue (87%)



- Cyan (67%)
- Magenta (31%)
- Yellow (0%)
- Black (13%)



- Cyan (71%)
- Magenta (40%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4998DD 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 4998DD by changing the saturation by 10% instead.

■ 4998DD

■ 4998DD

FFFFFF

■ 217EC1

■ 88CEFF

■ 0065A6

■ A6EAFF

■ 004E8B

■ C3FFFF

■ 003771

■ E2FFFF

■ 002358

■ 000C40

■ 00032A

■ 000114

■ 000000

■ 4998DD

■ 4998DD

■ 338EDD

■ 5FA2DD

■ 1D83DD

■ 75ADDD

■ 0779DD

■ 8BB7DD

■ 0076DD

■ A1C1DD

■ B8CCDD

■ CED6DD

■ E4E0DD

■ FAEADD

■ FFF5DD

Harmonies

Analogous

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



00A1D0



4998DD



8F8BD6

Triad

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



4998DD



D97773



5BA268

Complementary

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



4998DD



DD8E49

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.



889B4E



4998DD



CA8255

Square

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



4998DD



D67499



AD8F47



00A68D

Rectangle

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



4998DD



B081C6



AD8F47



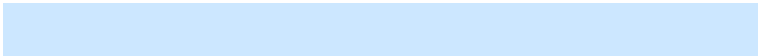
6BA05E

Sweetspot

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



4998DD



CCE7FF



49DD8C



617180



000000



808080

Same Dimension

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



4998DD



33A0FF



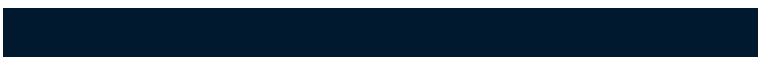
4950DD



63696E



005DAD



00192E

Inverse Universe

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



DD4998



FF33A0



DDD649



6E6369



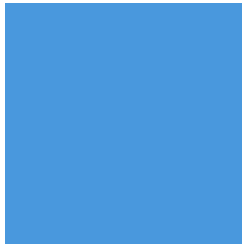
AD005D



2E0019

Previews

White Background



This preview shows how the Hex color 4998DD 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 4998DD 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 4998DD Background



This preview shows how black text looks on a background with the Hex color 4998DD.

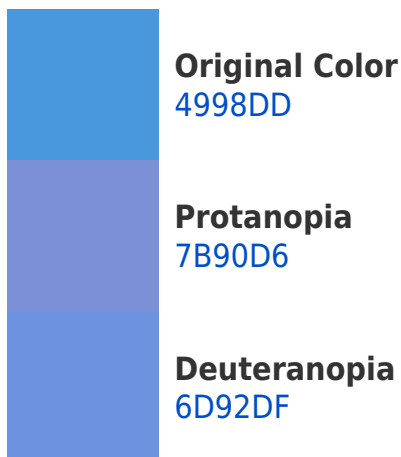


This preview shows how white text looks on a background with the Hex color 4998DD.

Color Blindness Simulation

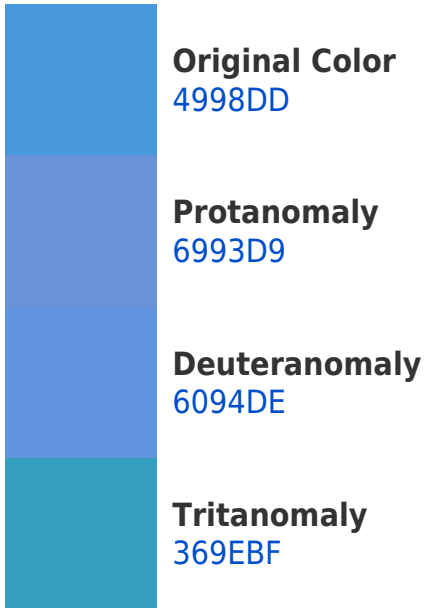
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

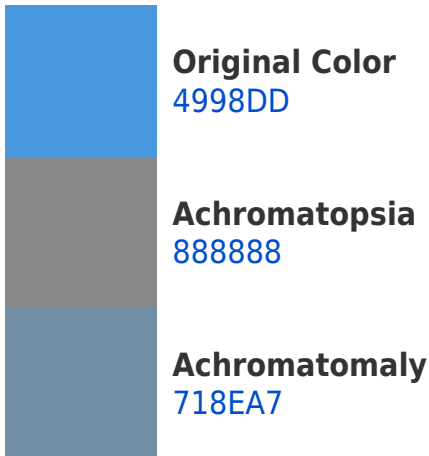




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4998DD 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 #4998DD looks like.

```
.text, #text, p{  
    color:#4998DD  
}
```

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 #4998DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4998DD
}
```

Border

The CSS property to change the border of an element to Hex 4998DD 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
#4998DD }
```

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

```
.border{ border-color:#4998DD }
```

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

Here you see how a box with a 4 pixel #4998DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4998DD; -webkit-box-shadow:4px 4px  
4px 4px #4998DD; box-shadow:4px 4px 4px  
4px #4998DD }
```

Background

The CSS property to change the background color of an element to Hex 4998DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4998DD }
```

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

```
.background{ background-color:#4998DD }
```

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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