

Converting Colors

Hex(4998DE)

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

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Color

Hex(4998DE)

Conversions

Conversions Part 1

Format	Color
Hex	4998DE
RGB	73, 152, 222
RGB Percent	29%, 60%, 87%
CMY	0.7137, 0.4039, 0.1294
CMYK	0.67, 0.32, 0.00, 0.13
HSL	208°, 69%, 58%
HSV	208°, 67%, 87%
XYZ	27.1607, 29.1469, 73.3016
YIQ	136.3590, -69.5540, 5.0220

Conversions

Conversions Part 2

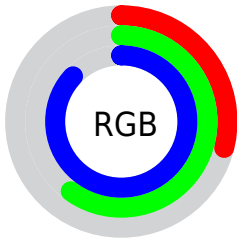
Format	Color
R _Y B	73, 125, 222
Decimal	4823262
CIE Lab	60.91, -2.18, -42.68
CIE LCh	61, 42.737, 267.078
Yxy	29.1469, 0.2096, 0.2249
Android (android.graphics.Color)	4283013342 (0xFF4998DE)
YUV	136.3590, 42.2210, -55.5658
Hunter-Lab	53.9878, -4.6773, -42.7091

Details

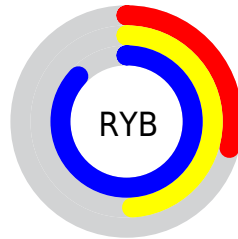
The Hex color **4998DE** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **DE8F49**, and the grayscale version is **888888**.

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 **338EDE**, and if you desaturate by 10%, it is **5FA2DE**.

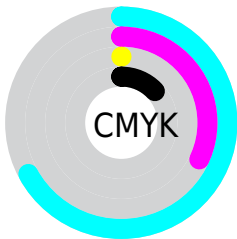
Distribution



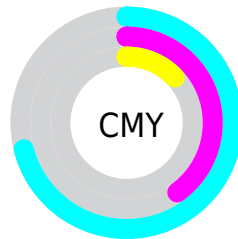
- Red (29%)
- Green (60%)
- Blue (87%)



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



- Cyan (67%)
- Magenta (32%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

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

■ 4998DE

■ 4998DE

FFFFFF

■ 217EC2

■ 88CEFF

■ 0065A6

■ A6EAFF

■ 004E8C

■ C4FFFF

■ 003772

■ E2FFFF

■ 002359

■ 000C41

■ 00032A

■ 000114

■ 000000

 4998DE

 4998DE

 338EDE

 5FA2DE

 1D83DE

 75ADDE

 0679DE

 8CB7DE

 0076DE

 A2C2DE

 B8CCDE

 CED7DE

 E4E1DE

 FBEBDE

 FFF6DE

Harmonies

Analogous

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



00A1D1



4998DE



908BD6

Triad

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



4998DE



D97773



59A268

Complementary

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



4998DE



DE8F49

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.



879B4D



4998DE



CA8254

Square

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



4998DE



D77498



AD9046



00A68E

Rectangle

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



4998DE



B181C7



AD9046



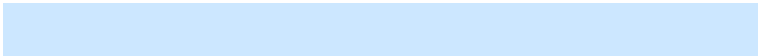
6AA05E

Sweetspot

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



4998DE



CCE7FF



49DE8F



617180



000000



808080

Same Dimension

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



4998DE



309EFF



494EDE



656B70



005DB0



001A30

Inverse Universe

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



DE4998



FF309E



DED949



70656B



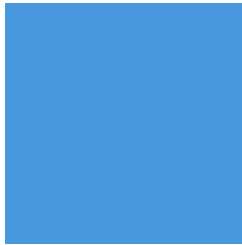
B0005D



30001A

Previews

White Background



This preview shows how the Hex color 4998DE looks on a white background.

Color Contrast Check

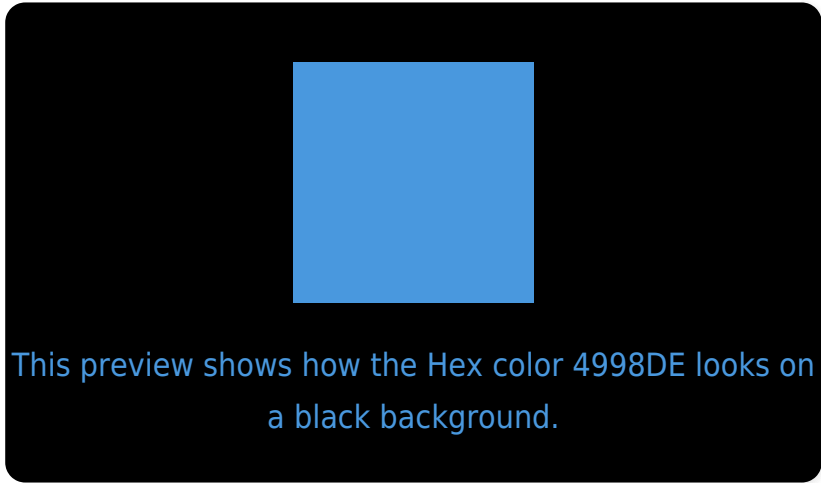
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

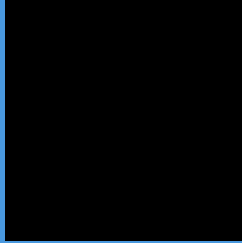
Any Text WCAG AA ✓ Pass

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 4998DE Background



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

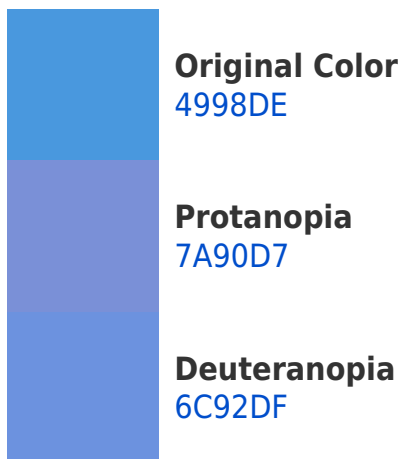


This preview shows how white text looks on a background with the Hex color 4998DE.

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](#).

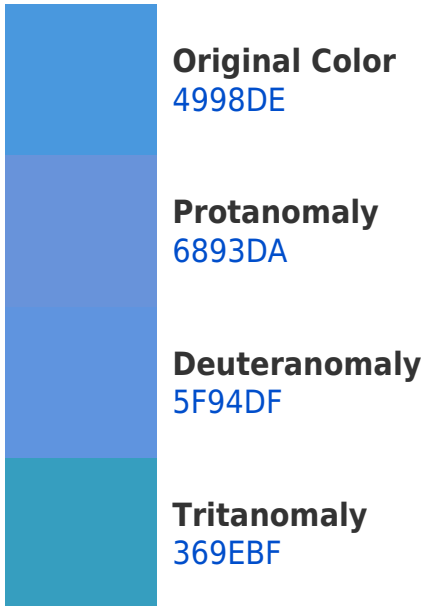
Dichromacy



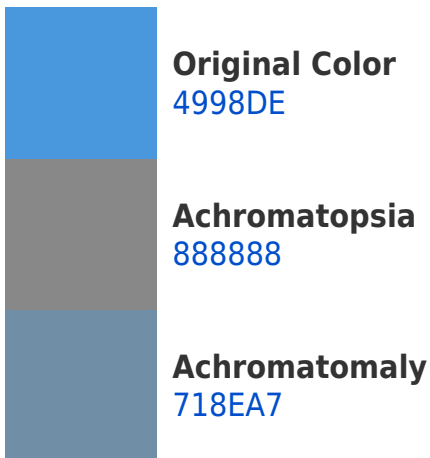


Tritanopia
2BA1AE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #4998DE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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