

Converting Colors

Hex(4D9CD6)

Have a look what the booklet for
Hex(4D9CD6) contains.

Hex(4D9CD6)	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(4D9CD6)

Conversions

Conversions Part 1

Format	Color
Hex	4D9CD6
RGB	77, 156, 214
RGB Percent	30%, 61%, 84%
CMY	0.6980, 0.3882, 0.1608
CMYK	0.64, 0.27, 0.00, 0.16
HSL	205°, 63%, 57%
HSV	205°, 64%, 84%
XYZ	27.0866, 30.2098, 68.0218
YIQ	138.9910, -65.7020, 1.2900

Conversions

Conversions Part 2

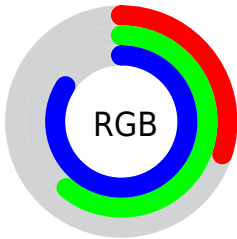
Format	Color
R _Y B	77, 127, 214
Decimal	5086422
CIE Lab	61.83, -6.46, -36.77
CIE LCh	62, 37.338, 260.037
Yxy	30.2098, 0.2161, 0.2411
Android (android.graphics.Color)	4283276502 (0xFF4D9CD6)
YUV	138.9910, 36.9794, -54.3661
Hunter-Lab	54.9634, -8.2190, -34.9019

Details

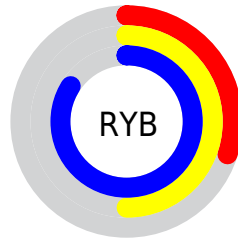
The Hex color **4D9CD6** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **D6874D**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **8AD2FF**, and **00699F** is the 20% darker color. If you saturate the color by 10%, you get **3893D6**, and if you desaturate by 10%, it is **62A5D6**.

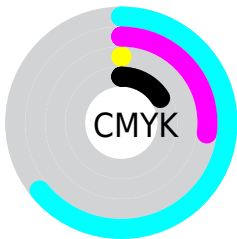
Distribution



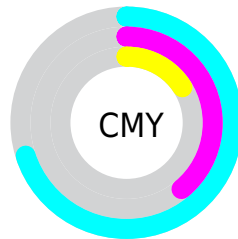
- Red (30%)
- Green (61%)
- Blue (84%)



- Red (30%)
- Yellow (50%)
- Blue (84%)



- Cyan (64%)
- Magenta (27%)
- Yellow (0%)
- Black (16%)



- Cyan (70%)
- Magenta (39%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D9CD6 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 4D9CD6 by changing the saturation by 10% instead.

■ 4D9CD6

■ 4D9CD6

FFFFFF

■ 2982BA

■ 8AD2FF

■ 00699F

■ A7EFFF

■ 005185

■ C5FFFF

■ 003A6B

■ E3FFFF

■ 002552

■ 00103B

■ 000225

■ 00010D

■ 000000

■ 4D9CD6

■ 4D9CD6

■ 3893D6

■ 62A5D6

■ 228AD6

■ 78AED6

■ 0D81D6

■ 8DB7D6

■ 007BD6

■ A3C0D6

■ B8C9D6

■ CDD2D6

■ E3DBD6

■ F8E4D6

■ FFEED6

Harmonies

Analogous

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



00A3C7



4D9CD6



8891D3

Triad

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



4D9CD6



D57C80



6EA26A

Complementary

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



4D9CD6



D6874D

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.



949A56



4D9CD6



CB8464

Square

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



4D9CD6



CE7CA2



B49054



40A689

Rectangle

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



4D9CD6



A789C8



B49054



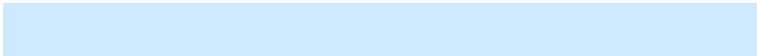
7CA061

Sweetspot

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



4D9CD6



CFEAFF



4DD686



627380



000000



808080

Same Dimension

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



4D9CD6



3BACFF



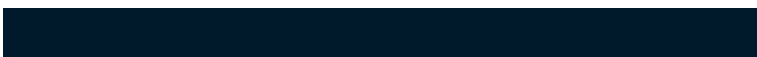
4D58D6



60676B



0063AB



00192B

Inverse Universe

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



D64D9C



FF3BAC



D6CB4D



6B6067



AB0063



2B0019

Previews

White Background



This preview shows how the Hex color 4D9CD6 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 4D9CD6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

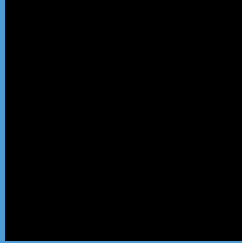
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

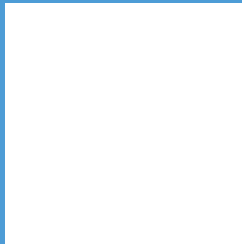
Any Text WCAG AAA ✓ Pass

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

Hex 4D9CD6 Background



This preview shows how black text looks on a background with the Hex color 4D9CD6.

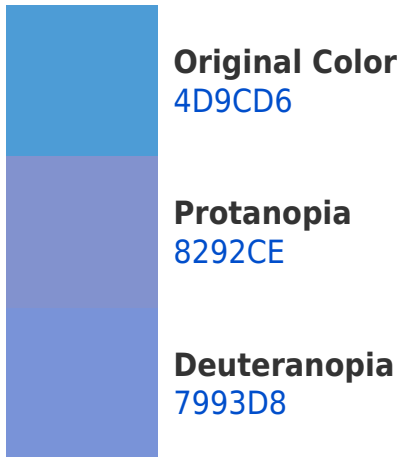


This preview shows how white text looks on a background with the Hex color 4D9CD6.

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](#).

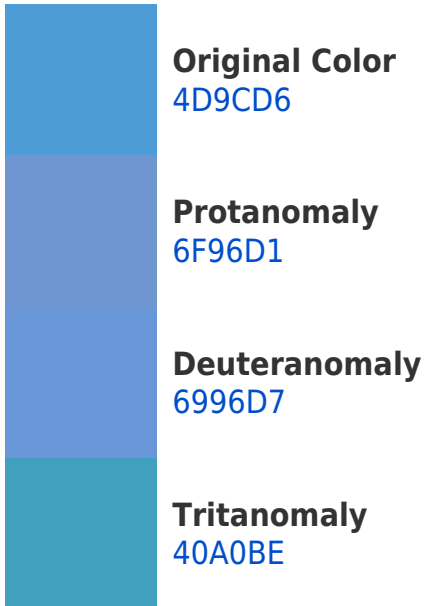
Dichromacy



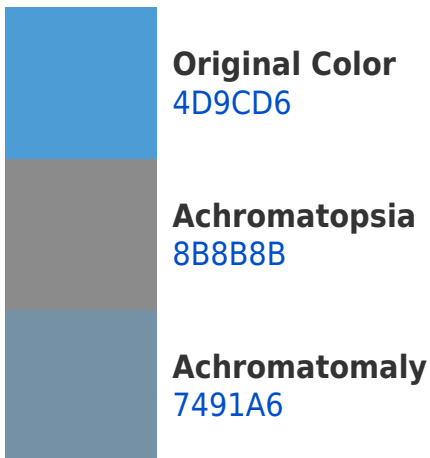


Tritanopia
39A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D9CD6 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 #4D9CD6 looks like.

```
.text, #text, p{  
    color:#4D9CD6  
}
```

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 #4D9CD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D9CD6
}
```

Border

The CSS property to change the border of an element to Hex 4D9CD6 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
#4D9CD6 }
```

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

```
.border{ border-color:#4D9CD6 }
```

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

Here you see how a box with a 4 pixel #4D9CD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D9CD6; -webkit-box-shadow:4px 4px  
4px 4px #4D9CD6; box-shadow:4px 4px 4px  
4px #4D9CD6 }
```

Background

The CSS property to change the background color of an element to Hex 4D9CD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D9CD6 }
```

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

```
.background{ background-color:#4D9CD6 }
```

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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