

Converting Colors

Hex(4F9DB6)

Have a look what the booklet for
Hex(4F9DB6) contains.

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Color

Hex(4F9DB6)

Conversions

Conversions Part 1

Format	Color
Hex	4F9DB6
RGB	79, 157, 182
RGB Percent	31%, 62%, 71%
CMY	0.6902, 0.3843, 0.2863
CMYK	0.57, 0.14, 0.00, 0.29
HSL	195°, 41%, 51%
HSV	195°, 57%, 71%
XYZ	23.7249, 29.1536, 48.6327
YIQ	136.5280, -54.5130, -8.7610

Conversions

Conversions Part 2

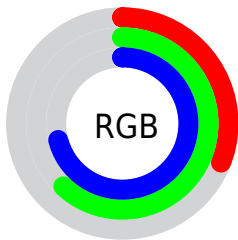
Format	Color
RYB	79, 123, 182
Decimal	5217718
CIELab	60.92, -16.72, -20.27
CIElCh	61, 26.273, 230.474
Yxy	29.1536, 0.2337, 0.2872
Android (android.graphics.Color)	4283407798 (0xFF4F9DB6)
YUV	136.5280, 22.4177, -50.4521
Hunter-Lab	53.9941, -16.0570, -15.6070

Details

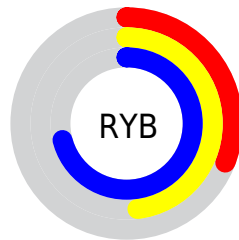
The Hex color **4F9DB6** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B6684F**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **88D4EE**, and **016A81** is the 20% darker color. If you saturate the color by 10%, you get **3D99B6**, and if you desaturate by 10%, it is **61A1B6**.

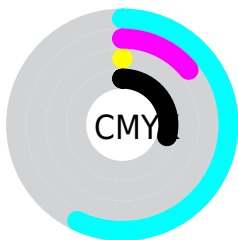
Distribution



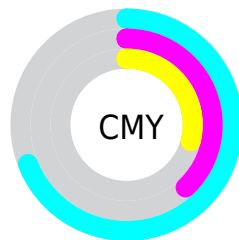
- Red (31%)
- Green (62%)
- Blue (71%)



- Red (31%)
- Yellow (48%)
- Blue (71%)



- Cyan (57%)
- Magenta (14%)
- Yellow (0%)
- Black (29%)



- Cyan (69%)
- Magenta (38%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F9DB6 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 4F9DB6 by changing the saturation by 10% instead.

■ 4F9DB6

■ 4F9DB6

FFFFFF

■ 30839B

■ 88D4EE

■ 016A81

■ A4F0FF

■ 005168

■ C1FFFF

■ 003A50

■ DFFFFF

■ 002439

■ FCFFFF

■ 000923

■ 00000B

■ 000000

■ 4F9DB6

■ 4F9DB6

3D99B6

61A1B6

2B94B6

73A6B6

1890B6

86AAB6

068BB6

98AFB6

008AB6

AAB3B6

BCB8B6

CEBCB6

E1C0B6

F3C5B6

Harmonies

Analogous

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



4BA0A2



4F9DB6



6A97C0

Triad

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



4F9DB6



BC829B



939667

Complementary

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



4F9DB6



B6684F

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.



AA8F65



4F9DB6



C28284

Square

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



4F9DB6



A988B1



BB8770



789C75

Rectangle

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



4F9DB6



8192C0



BB8770



9B9465

Sweetspot

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



4F9DB6



C5E3ED



4FB667



607278



F7F7F7



787878

Same Dimension

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



4F9DB6



4CC6ED



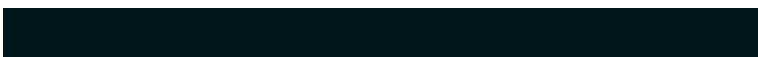
4F6AB6



535A5C



00769C



00151C

Inverse Universe

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



B64F9D



ED4CC6



B69B4F



5C535A



9C0076



1C0015

Previews

White Background



This preview shows how the Hex color 4F9DB6 looks on a white background.

Color Contrast Check

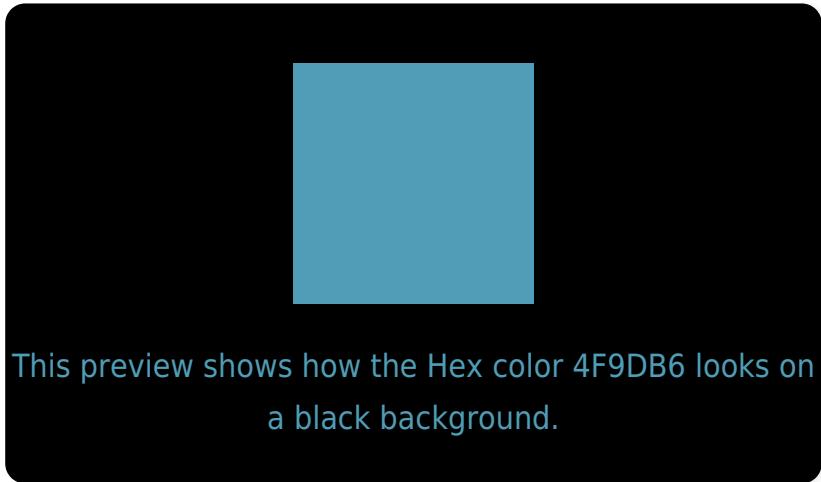
Large Text (above 18pt) WCAG AA ✓ Pass

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

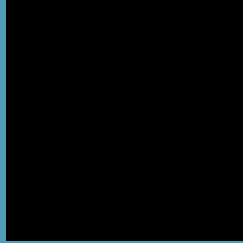
Any Text WCAG AA ✓ Pass

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 4F9DB6 Background



This preview shows how black text looks on a background with the Hex color 4F9DB6.



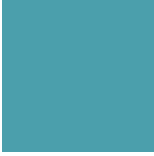
This preview shows how white text looks on a background with the Hex color 4F9DB6.

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](#).

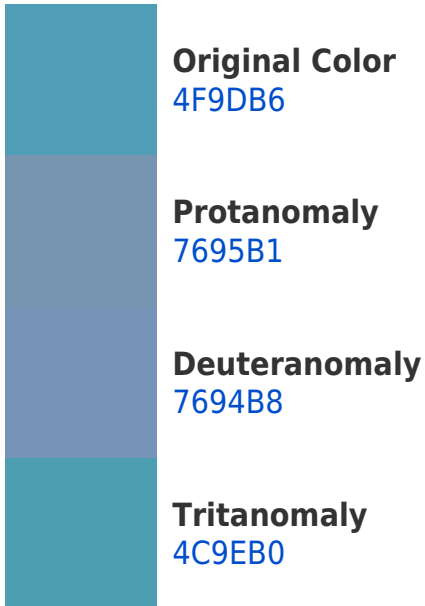
Dichromacy





Tritanopia
4B9FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F9DB6 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 #4F9DB6 looks like.

```
.text, #text, p{  
    color:#4F9DB6  
}
```

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 #4F9DB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F9DB6  
}
```

Border

The CSS property to change the border of an element to Hex 4F9DB6 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  
#4F9DB6 }
```

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

```
.border{ border-color:#4F9DB6 }
```

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

Here you see how a box with a 4 pixel #4F9DB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F9DB6; -webkit-box-shadow:4px 4px  
4px 4px #4F9DB6; box-shadow:4px 4px 4px  
4px #4F9DB6 }
```

Background

The CSS property to change the background color of an element to Hex 4F9DB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F9DB6 }
```

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

```
.background{ background-color:#4F9DB6 }
```

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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