

Converting Colors

Hex(4F96B3)

Have a look what the booklet for
Hex(4F96B3) contains.

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Color

Hex(4F96B3)

Conversions

Conversions Part 1

Format	Color
Hex	4F96B3
RGB	79, 150, 179
RGB Percent	31%, 59%, 70%
CMY	0.6902, 0.4118, 0.2980
CMYK	0.56, 0.16, 0.00, 0.30
HSL	197°, 40%, 51%
HSV	197°, 56%, 70%
XYZ	22.2675, 26.7296, 46.6335
YIQ	132.0770, -51.6250, -6.0330

Conversions

Conversions Part 2

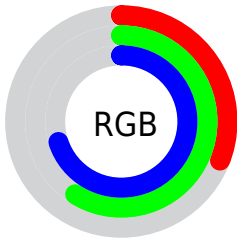
Format	Color
R_{YB}	79, 121, 179
Decimal	5215923
CIE _{Lab}	58.72, -13.85, -21.92
CIE _{LCh}	59, 25.931, 237.720
Yxy	26.7296, 0.2328, 0.2795
Android (android.graphics.Color)	4283406003 (0xFF4F96B3)
YUV	132.0770, 23.1330, -46.5485
Hunter-Lab	51.7007, -13.5963, -17.2885

Details

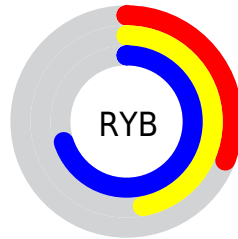
The Hex color **4F96B3** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B36C4F**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **87CCEB**, and **05637E** is the 20% darker color. If you saturate the color by 10%, you get **3D91B3**, and if you desaturate by 10%, it is **619BB3**.

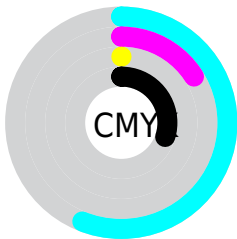
Distribution



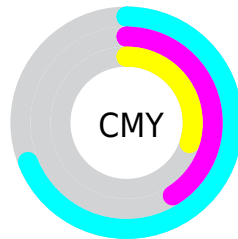
- Red (31%)
- Green (59%)
- Blue (70%)



- Red (31%)
- Yellow (47%)
- Blue (70%)



- Cyan (56%)
- Magenta (16%)
- Yellow (0%)
- Black (30%)



- Cyan (69%)
- Magenta (41%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F96B3 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 4F96B3 by changing the saturation by 10% instead.

■ 4F96B3

■ 4F96B3

FFFFFF

■ 317C98

■ 87CCEB

■ 05637E

■ A4E8FF

■ 004B65

■ C0FFFF

■ 00344D

■ DDDFFF

■ 001F36

■ FFFFFFFF

■ 000221

■ 000006

■ 000000

■ 4F96B3

■ 4F96B3

3D91B3

619BB3

2B8CB3

73A0B3

1986B3

85A6B3

0781B3

97ABB3

007FB3

A9B0B3

BAB5B3

CCBAB3

DEC0B3

F0C5B3

Harmonies

Analogous

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



4599A2



4F96B3



6D90BA

Triad

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



4F96B3



B87C90



879265

Complementary

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



4F96B3



B36C4F

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.



9F8B60



4F96B3



BA7E79

Square

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



4F96B3



A981A6



B18468



6D9774

Rectangle

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



4F96B3



838BB8



B18468



8F9062

Sweetspot

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



4F96B3



C1DDE8



4FB36B



5E6E75



F5F5F5



757575

Same Dimension

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



4F96B3



4DBBE8



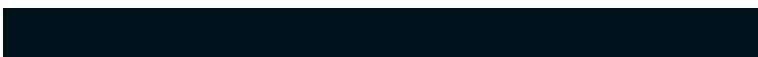
4F65B3



505759



006D99



00121A

Inverse Universe

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



B34F96



E84DBB



B39D4F



595057



99006D



1A0012

Previews

White Background



This preview shows how the Hex color 4F96B3 looks on a white background.

Color Contrast Check

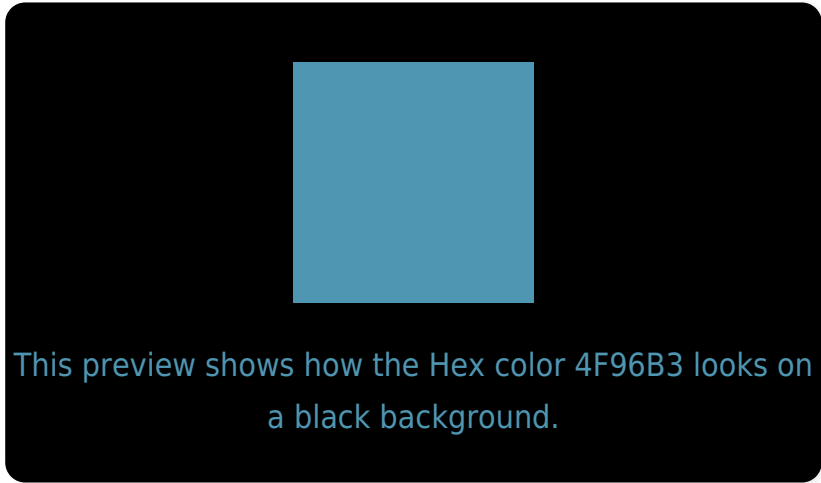
Large Text (above 18pt) WCAG AA ✓ Pass

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

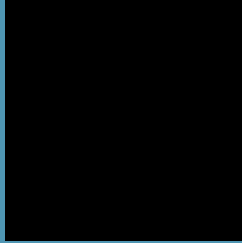
Any Text WCAG AA ✓ Pass

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 4F96B3 Background



This preview shows how black text looks on a background with the Hex color 4F96B3.

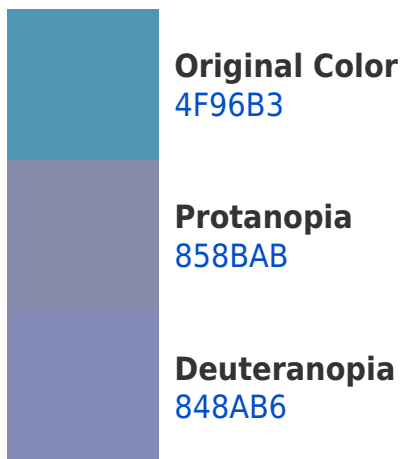


This preview shows how white text looks on a background with the Hex color 4F96B3.

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](#).

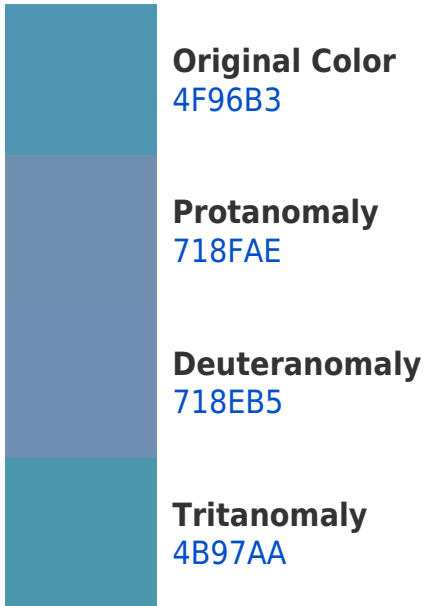
Dichromacy





Tritanopia
4998A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F96B3 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 #4F96B3 looks like.

```
.text, #text, p{  
    color:#4F96B3  
}
```

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 #4F96B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F96B3
}
```

Border

The CSS property to change the border of an element to Hex 4F96B3 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
#4F96B3 }
```

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

```
.border{ border-color:#4F96B3 }
```

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

Here you see how a box with a 4 pixel #4F96B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F96B3; -webkit-box-shadow:4px 4px  
4px 4px #4F96B3; box-shadow:4px 4px 4px  
4px #4F96B3 }
```

Background

The CSS property to change the background color of an element to Hex 4F96B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F96B3 }
```

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

```
.background{ background-color:#4F96B3 }
```

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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