

# Converting Colors

Hex(4FA6B8)

Have a look what the booklet for  
Hex(4FA6B8) contains.

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# Color

**Hex(4FA6B8)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 4FA6B8                       |
| RGB         | 79, 166, 184                 |
| RGB Percent | 31%, 65%, 72%                |
| CMY         | 0.6902, 0.3490, 0.2784       |
| CMYK        | 0.57, 0.10, 0.00, 0.28       |
| HSL         | 190°, 43%, 52%               |
| HSV         | 190°, 57%, 72%               |
| XYZ         | 25.5124, 32.3954, 50.2557    |
| YIQ         | 142.0390, -57.6300, -12.8460 |

# Conversions

## Conversions Part 2

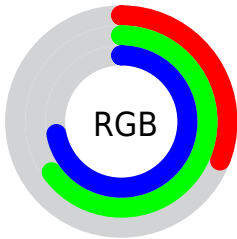
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">79, 127, 184</a>                |
| Decimal                             | <a href="#">5220024</a>                     |
| CIELab                              | <a href="#">63.67, -20.86, -17.20</a>       |
| CIELCh                              | <a href="#">64, 27.043, 219.506</a>         |
| Yxy                                 | <a href="#">32.3954, 0.2359, 0.2995</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4283410104<br/>(0xFF4FA6B8)</a> |
| YUV                                 | <a href="#">142.0390, 20.6868, -55.2852</a> |
| Hunter-Lab                          | <a href="#">56.9170, -19.5940, -12.5091</a> |

# Details

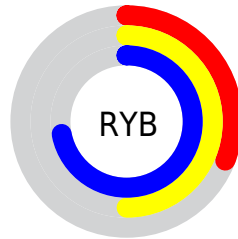
The Hex color **4FA6B8** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B8614F**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **89DDF0**, and **007283** is the 20% darker color. If you saturate the color by 10%, you get **3DA3B8**, and if you desaturate by 10%, it is **61A9B8**.

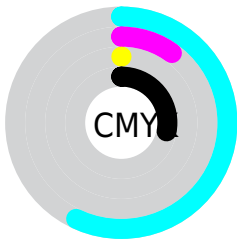
# Distribution



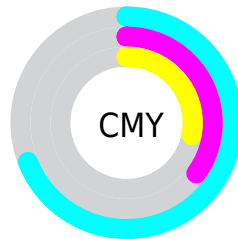
- Red (31%)
- Green (65%)
- Blue (72%)



- Red (31%)
- Yellow (50%)
- Blue (72%)



- Cyan (57%)
- Magenta (10%)
- Yellow (0%)
- Black (28%)



- Cyan (69%)
- Magenta (35%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FA6B8 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 4FA6B8 by changing the saturation by 10% instead.





4FA6B8



4FA6B8

FFFFFF



2F8C9D



89DDF0



007283



A5FAFF



00596A



C2FFFF



004152



E0FFFF



002B3B

FEFFFF



001725



00010F



000000



4FA6B8



4FA6B8

3DA3B8

61A9B8

2AA0B8

74ACB8

189DB8

86AFB8

0599B8

99B3B8

0098B8

ABB6B8

BDB9B8

D0BCB8

E2BFB8

F5C2B8

# Harmonies

## Analogous

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



55A8A1



4FA6B8



64A1C7

# Triad

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



4FA6B8



BF8BAC



A49B6A

# Complementary

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



4FA6B8



B8614F

# 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.



BA936E



4FA6B8



CA8893

# Square

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



4FA6B8



A791BF



C88C7D



89A274

# Rectangle

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



4FA6B8



7A9DCA



C88C7D



AC996A

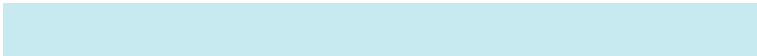


# Sweetspot

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



4FA6B8



C7E9F0



4FB860



607478



F7F7F7



787878



# Same Dimension

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



4FA6B8



4DD4F0



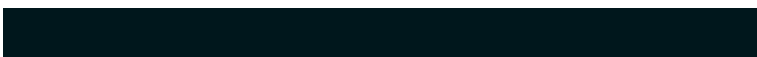
4F72B8



535A5C



00819C



00171C



# Inverse Universe

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



B84FA6



F04DD4



B8954F



5C535A



9C0081



1C0017



# Previews

## White Background



This preview shows how the Hex color 4FA6B8 looks on a white background.

## Color Contrast Check

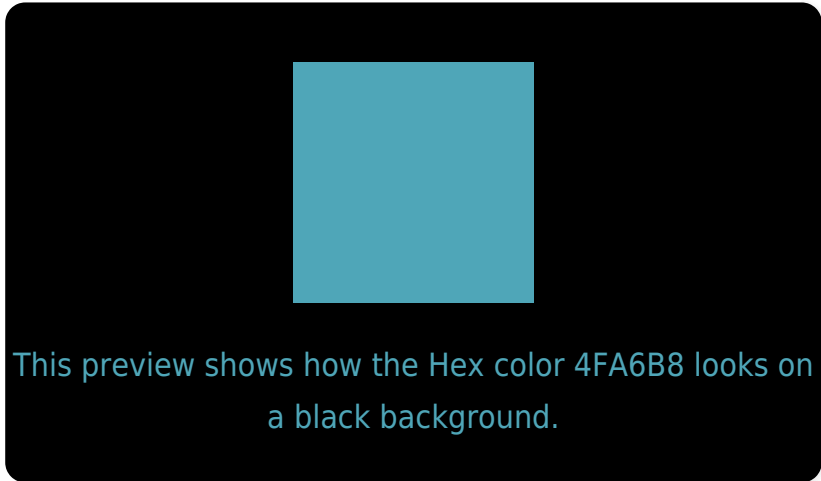
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

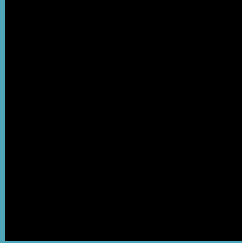
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4FA6B8 Background



This preview shows how black text looks on a background with the Hex color 4FA6B8.

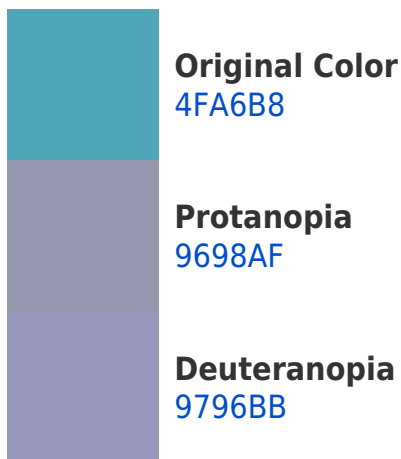


This preview shows how white text looks on a background with the Hex color 4FA6B8.

# 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](#).

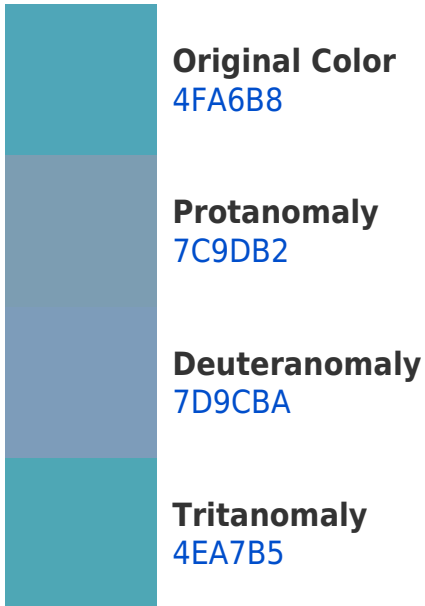
## Dichromacy





**Tritanopia**  
4DA7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FA6B8 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 #4FA6B8 looks like.

```
.text, #text, p{  
    color:#4FA6B8  
}
```

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 #4FA6B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FA6B8  
}
```

## Border

The CSS property to change the border of an element to Hex 4FA6B8 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  
#4FA6B8 }
```

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

```
.border{ border-color:#4FA6B8 }
```

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

Here you see how a box with a 4 pixel #4FA6B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FA6B8; -webkit-box-shadow:4px 4px  
4px 4px #4FA6B8; box-shadow:4px 4px 4px  
4px #4FA6B8 }
```

# Background

The CSS property to change the background color of an element to Hex 4FA6B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FA6B8 }
```

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

```
.background{ background-color:#4FA6B8 }
```

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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