

Converting Colors

Hex(4F86B1)

Have a look what the booklet for
Hex(4F86B1) contains.

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Color

Hex(4F86B1)

Conversions

Conversions Part 1

Format	Color
Hex	4F86B1
RGB	79, 134, 177
RGB Percent	31%, 53%, 69%
CMY	0.6902, 0.4745, 0.3059
CMYK	0.55, 0.24, 0.00, 0.31
HSL	206°, 39%, 50%
HSV	206°, 55%, 69%
XYZ	19.6854, 21.8868, 44.7820
YIQ	122.4570, -46.5830, 1.7130

Conversions

Conversions Part 2

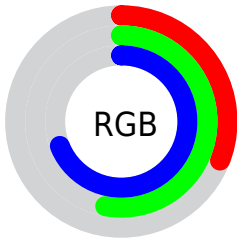
Format	Color
R _Y B	79, 114, 177
Decimal	5211825
CIE Lab	53.91, -5.49, -28.21
CIE LCh	54, 28.736, 258.977
Yxy	21.8868, 0.2280, 0.2535
Android (android.graphics.Color)	4283401905 (0xFF4F86B1)
YUV	122.4570, 26.8897, -38.1118
Hunter-Lab	46.7833, -6.7620, -24.0054

Details

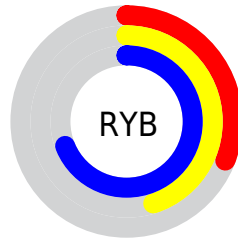
The Hex color **4F86B1** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B17A4F**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **87BBE9**, and **0B557C** is the 20% darker color. If you saturate the color by 10%, you get **3D7EB1**, and if you desaturate by 10%, it is **618EB1**.

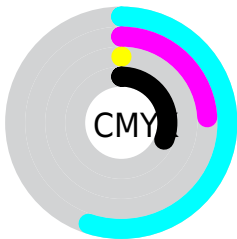
Distribution



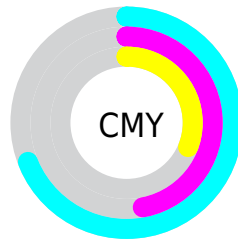
- Red (31%)
- Green (53%)
- Blue (69%)



- Red (31%)
- Yellow (45%)
- Blue (69%)



- Cyan (55%)
- Magenta (24%)
- Yellow (0%)
- Black (31%)



- Cyan (69%)
- Magenta (47%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F86B1 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 4F86B1 by changing the saturation by 10% instead.



4F86B1



4F86B1

FFFFFF



326D96



87BBE9



0B557C



A3D7FF



003E63



BFF3FF



00284B



DCFFFF



001434



FAFFFF



00021F



000001



000000



4F86B1



4F86B1

■ 3D7EB1

■ 618EB1

■ 2C76B1

■ 7296B1

■ 1A6FB1

■ 849DB1

■ 0867B1

■ 96A5B1

■ 0063B1

■ A8ADB1

■ B9B5B1

■ CBBCB1

■ DDC4B1

■ EECCB1

Harmonies

Analogous

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



2B8CA5



4F86B1



777EB0

Triad

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



4F86B1



B26E72



658A60

Complementary

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



4F86B1



B17A4F

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.



828451



4F86B1



AB745C

Square

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



4F86B1



AB6F8B



9A7C50



478E77

Rectangle

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



4F86B1



8E78A7



9A7C50



6F895A

Sweetspot

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



4F86B1



BED4E6



4FB179



5C6973



F2F2F2



737373

Same Dimension

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



4F86B1



4EA3E6



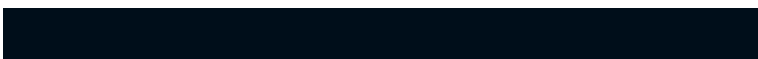
4F56B1



505559



005699



000E1A

Inverse Universe

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



B14F86



E64EA3



B1AA4F



595055



990056



1A000E

Previews

White Background



This preview shows how the Hex color 4F86B1 looks on a white background.

Color Contrast Check

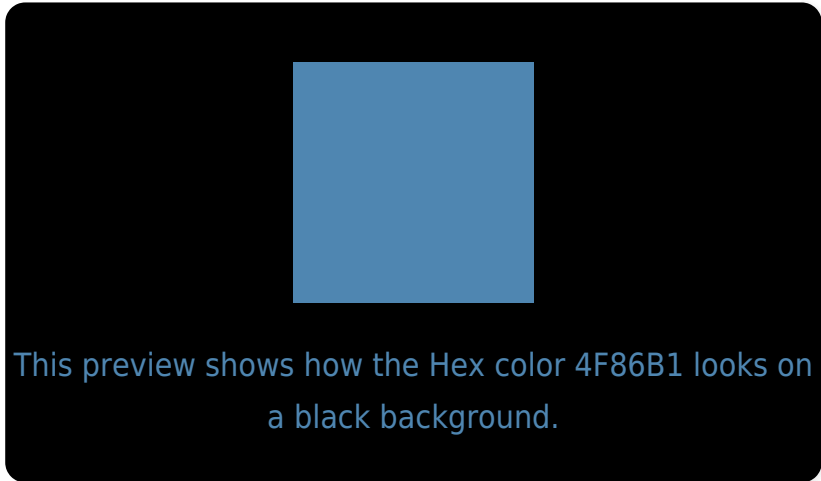
Large Text (above 18pt) WCAG AA ✓ Pass

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

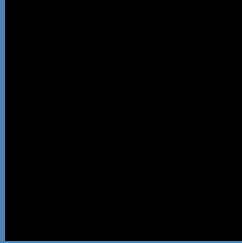
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

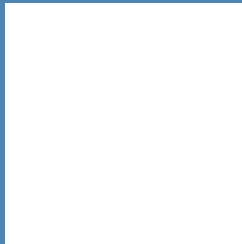
Any Text WCAG AAA × Fail

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

Hex 4F86B1 Background



This preview shows how black text looks on a background with the Hex color 4F86B1.

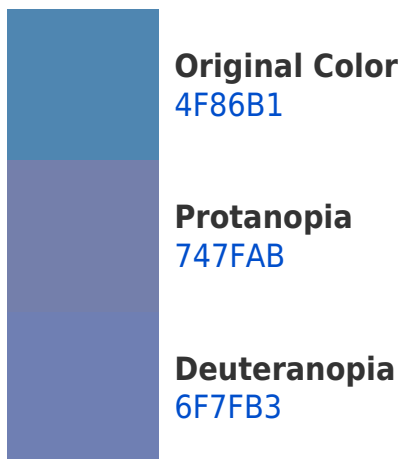


This preview shows how white text looks on a background with the Hex color 4F86B1.

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](#).

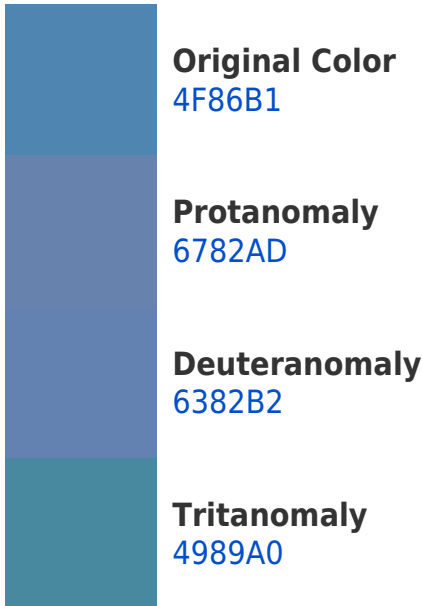
Dichromacy



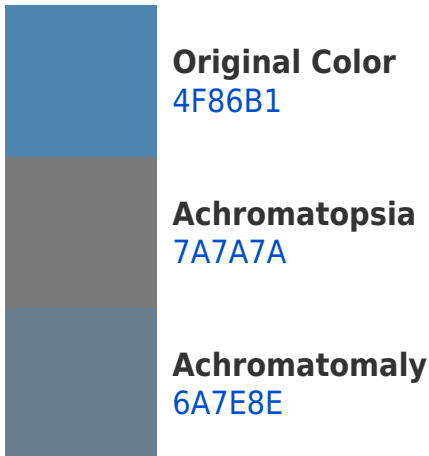


Tritanopia
458B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F86B1 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 #4F86B1 looks like.

```
.text, #text, p{  
    color:#4F86B1  
}
```

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 #4F86B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F86B1
}
```

Border

The CSS property to change the border of an element to Hex 4F86B1 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
#4F86B1 }
```

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

```
.border{ border-color:#4F86B1 }
```

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

Here you see how a box with a 4 pixel #4F86B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F86B1; -webkit-box-shadow:4px 4px  
4px 4px #4F86B1; box-shadow:4px 4px 4px  
4px #4F86B1 }
```

Background

The CSS property to change the background color of an element to Hex 4F86B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F86B1 }
```

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

```
.background{ background-color:#4F86B1 }
```

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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