

# Converting Colors

Hex(4787BA)

Have a look what the booklet for  
Hex(4787BA) contains.

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# Color

**Hex(4787BA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4787BA
RGB	71, 135, 186
RGB Percent	28%, 53%, 73%
CMY	0.7216, 0.4706, 0.2706
CMYK	0.62, 0.27, 0.00, 0.27
HSL	207°, 45%, 50%
HSV	207°, 62%, 73%
XYZ	20.1254, 22.2127, 49.6811
YIQ	121.6780, -54.5150, 2.2930

# Conversions

## Conversions Part 2

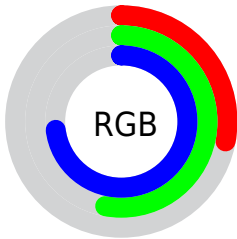
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 112, 186
Decimal	4687802
CIE <sub>Lab</sub>	54.25, -4.79, -32.85
CIE <sub>LCh</sub>	54, 33.196, 261.695
Yxy	22.2127, 0.2187, 0.2414
Android (android.graphics.Color)	4282877882 (0xFF4787BA)
YUV	121.6780, 31.7107, -44.4446
Hunter-Lab	47.1304, -6.2557, -29.5076

# Details

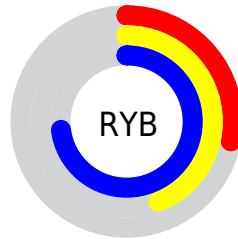
The Hex color **4787BA** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BA7A47**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **81BCF2**, and **005685** is the 20% darker color. If you saturate the color by 10%, you get **347FBA**, and if you desaturate by 10%, it is **5A8FBA**.

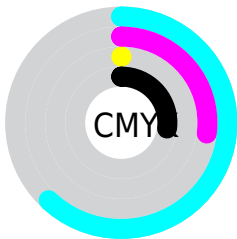
# Distribution



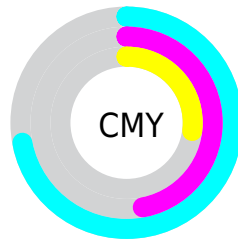
- Red (28%)
- Green (53%)
- Blue (73%)



- Red (28%)
- Yellow (44%)
- Blue (73%)



- Cyan (62%)
- Magenta (27%)
- Yellow (0%)
- Black (27%)



- Cyan (72%)
- Magenta (47%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4787BA 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 4787BA by changing the saturation by 10% instead.



■ 4787BA

■ 4787BA

FFFFFF

■ 266E9F

■ 81BCF2

■ 005685

■ 9ED8FF

■ 003F6B

■ BAF4FF

■ 002953

■ D8FFFF

■ 00153B

■ F5FFFF

■ 000225

■ 00010E

■ 000000

■ 4787BA

■ 4787BA

■ 347FBA

■ 5A8FBA

■ 2277BA

■ 6C97BA

■ 0F6EBA

■ 7FA0BA

■ 0068BA

■ 91A8BA

■ A4B0BA

■ B7B8BA

■ C9C1BA

■ DCC9BA

■ EED1BA

# Harmonies

## Analogous

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



008EAE



4787BA



797DB7

# Triad

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



4787BA



B96C6E



5E8D5D

# Complementary

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



4787BA



BA7A47

# 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.



7F864B



4787BA



B07356

# Square

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



4787BA



B46C8B



9B7D49



369078

# Rectangle

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



4787BA



9376AD



9B7D49



6A8B56



# Sweetspot

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



4787BA



C4DEF2



47BA79



5E6E7A



FAFAFA



7A7A7A



# Same Dimension

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



4787BA



3FA3F2



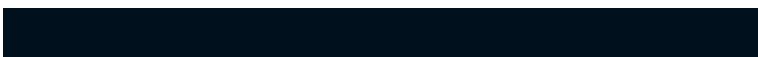
474FBA



53585C



00579C



00101C



# Inverse Universe

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



BA4787



F23FA3



BAB247



5C5358



9C0057



1C0010



# Previews

## White Background



This preview shows how the Hex color 4787BA 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



This preview shows how the Hex color 4787BA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

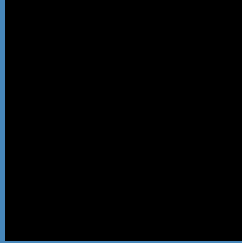
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4787BA Background



This preview shows how black text looks on a background with the Hex color 4787BA.

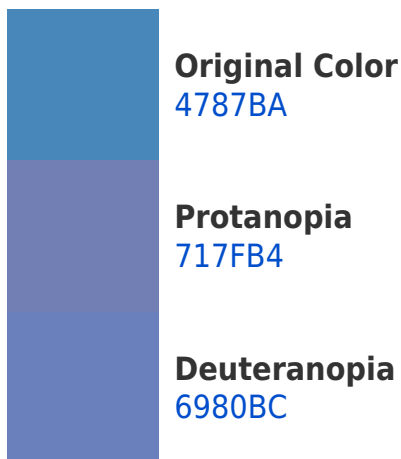


This preview shows how white text looks on a background with the Hex color 4787BA.

# 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](#).

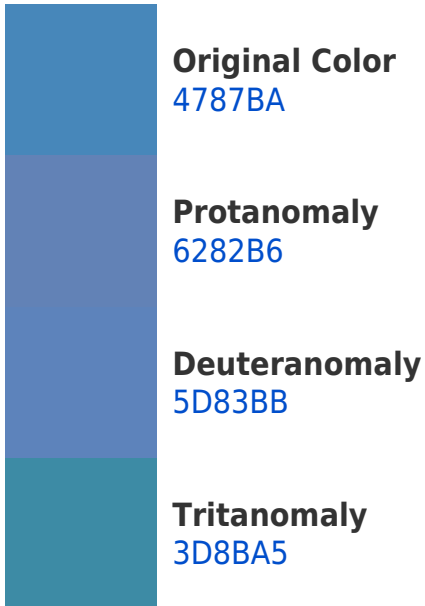
## Dichromacy



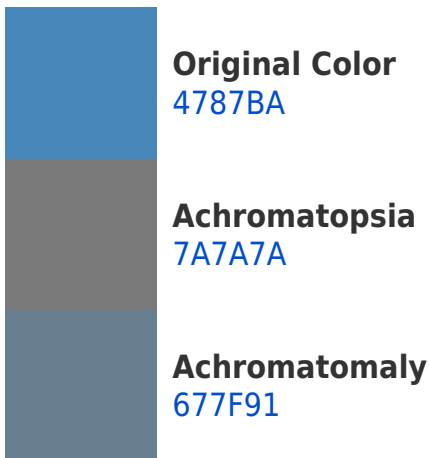


**Tritanopia**  
378D99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4787BA 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 #4787BA looks like.

```
.text, #text, p{  
    color:#4787BA  
}
```

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 #4787BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4787BA
}
```

## Border

The CSS property to change the border of an element to Hex 4787BA 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
#4787BA }
```

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

```
.border{ border-color:#4787BA }
```

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

Here you see how a box with a 4 pixel #4787BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4787BA; -webkit-box-shadow:4px 4px  
4px 4px #4787BA; box-shadow:4px 4px 4px  
4px #4787BA }
```

# Background

The CSS property to change the background color of an element to Hex 4787BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4787BA }
```

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

```
.background{ background-color:#4787BA }
```

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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