

Converting Colors

Hex(4977B1)

Have a look what the booklet for
Hex(4977B1) contains.

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Color

Hex(4977B1)

Conversions

Conversions Part 1

Format	Color
Hex	4977B1
RGB	73, 119, 177
RGB Percent	29%, 47%, 69%
CMY	0.7137, 0.5333, 0.3059
CMYK	0.59, 0.33, 0.00, 0.31
HSL	213°, 42%, 49%
HSV	213°, 59%, 69%
XYZ	17.2803, 17.7844, 44.1169
YIQ	111.8580, -46.0340, 8.2860

Conversions

Conversions Part 2

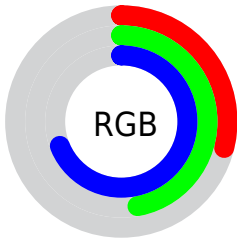
Format	Color
R_{YB}	73, 105, 177
Decimal	4814769
CIE Lab	49.23, 2.07, -35.52
CIE LCh	49, 35.583, 273.341
Yxy	17.7844, 0.2182, 0.2246
Android (android.graphics.Color)	4283004849 (0xFF4977B1)
YUV	111.8580, 32.1150, -34.0785
Hunter-Lab	42.1716, -0.6579, -32.5049

Details

The Hex color **4977B1** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B18349**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **81ABE9**, and **00477C** is the 20% darker color. If you saturate the color by 10%, you get **376DB1**, and if you desaturate by 10%, it is **5B81B1**.

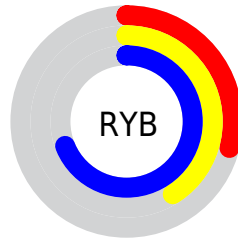
Distribution



Red (29%)

Green (47%)

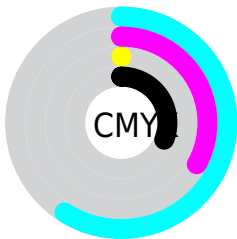
Blue (69%)



Red (29%)

Yellow (41%)

Blue (69%)

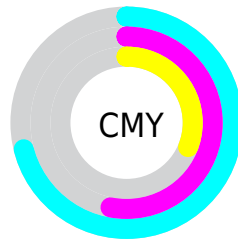


Cyan (59%)

Magenta (33%)

Yellow (0%)

Black (31%)



Cyan (71%)

Magenta (53%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4977B1 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 4977B1 by changing the saturation by 10% instead.

■ 4977B1

■ 4977B1

FFFFFF

■ 2A5E96

■ 81ABE9

■ 00477C

■ 9DC6FF

■ 003163

■ BAE2FF

■ 001D4B

■ D7FFFF

■ 000434

■ F4FFFF

■ 00021E

■ 000000

■ 4977B1

■ 4977B1

■ 376DB1

■ 5B81B1

■ 2663B1

■ 6C8BB1

■ 1459B1

■ 7E95B1

■ 0250B1

■ 909EB1

■ 004EB1

■ A2A8B1

■ B3B2B1

■ C5BCB1

■ D7C6B1

■ E8D0B1

Harmonies

Analogous

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



007FAA



4977B1



7C6CA7

Triad

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



4977B1



AC6055



3E8259

Complementary

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



4977B1



B18349

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.



657D41



4977B1



9D6A3F

Square

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



4977B1



AD5C73



847437



008578

Rectangle

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



4977B1



946499



847437



4C8150

Sweetspot

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



4977B1



BCCEE6



49B182



5A6573



F2F2F2



737373

Same Dimension

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



4977B1



438BE6



4E49B1



505459



004499



000B1A

Inverse Universe

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



B14977



E6438B



ACB149



595054



990044



1A000B

Previews

White Background



This preview shows how the Hex color 4977B1 looks on a white background.

Color Contrast Check

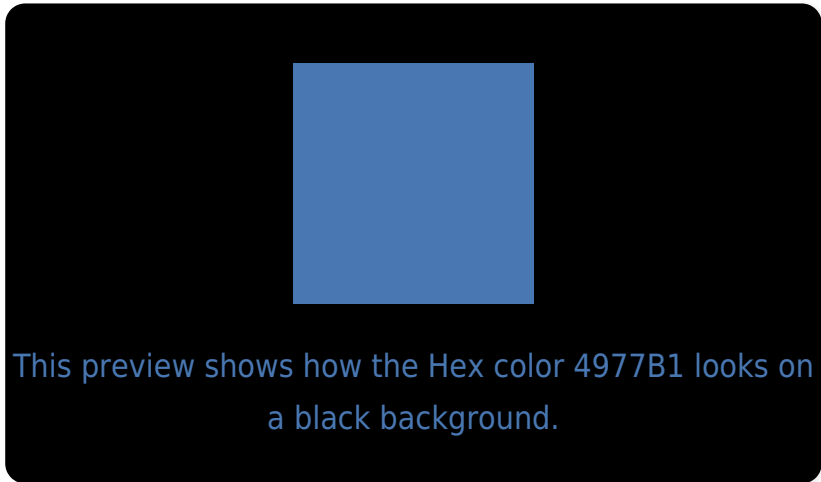
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 4977B1 Background



This preview shows how black text looks on a background with the Hex color 4977B1.

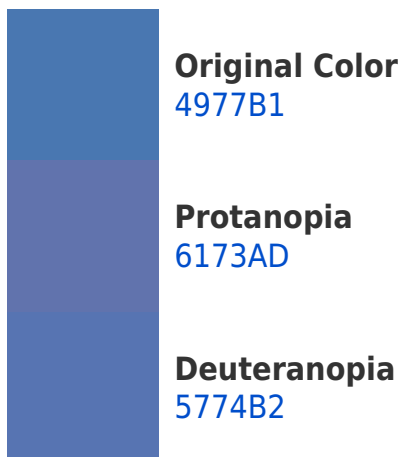


This preview shows how white text looks on a background with the Hex color 4977B1.

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](#).

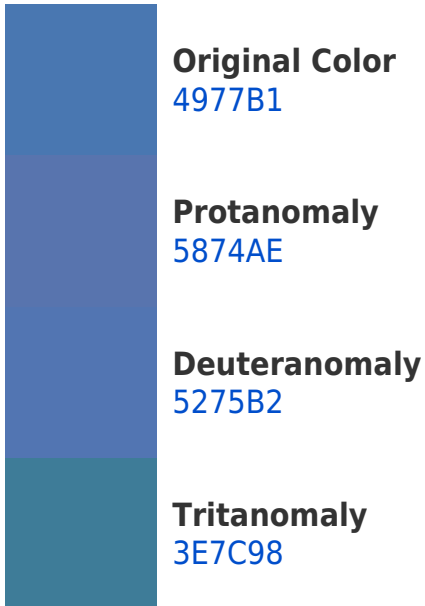
Dichromacy



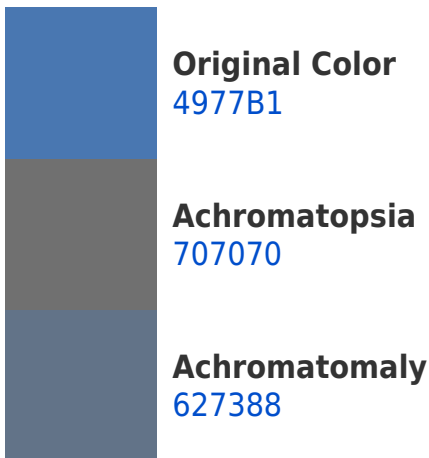


Tritanopia
387F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4977B1 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 #4977B1 looks like.

```
.text, #text, p{  
    color:#4977B1  
}
```

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 #4977B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4977B1
}
```

Border

The CSS property to change the border of an element to Hex 4977B1 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
#4977B1 }
```

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

```
.border{ border-color:#4977B1 }
```

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

Here you see how a box with a 4 pixel #4977B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4977B1; -webkit-box-shadow:4px 4px  
4px 4px #4977B1; box-shadow:4px 4px 4px  
4px #4977B1 }
```

Background

The CSS property to change the background color of an element to Hex 4977B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4977B1 }
```

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

```
.background{ background-color:#4977B1 }
```

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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