

Converting Colors

Hex(4F77B5)

Have a look what the booklet for
Hex(4F77B5) contains.

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Color

Hex(4F77B5)

Conversions

Conversions Part 1

Format	Color
Hex	4F77B5
RGB	79, 119, 181
RGB Percent	31%, 47%, 71%
CMY	0.6902, 0.5333, 0.2902
CMYK	0.56, 0.34, 0.00, 0.29
HSL	216°, 41%, 51%
HSV	216°, 56%, 71%
XYZ	18.1618, 18.1921, 46.2703
YIQ	114.1080, -43.7420, 10.8020

Conversions

Conversions Part 2

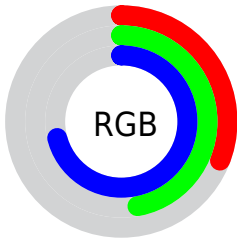
Format	Color
R_{YB}	79, 108, 181
Decimal	5207989
CIE _{Lab}	49.73, 4.68, -37.04
CIE _{LCh}	50, 37.334, 277.198
Yxy	18.1921, 0.2198, 0.2202
Android (android.graphics.Color)	4283398069 (0xFF4F77B5)
YUV	114.1080, 32.9778, -30.7897
Hunter-Lab	42.6522, 1.3658, -34.4628

Details

The Hex color **4F77B5** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B58D4F**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **87ABED**, and **094780** is the 20% darker color. If you saturate the color by 10%, you get **3D6CB5**, and if you desaturate by 10%, it is **6182B5**.

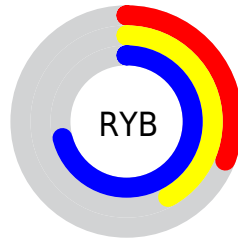
Distribution



Red (31%)

Green (47%)

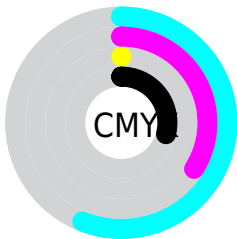
Blue (71%)



Red (31%)

Yellow (42%)

Blue (71%)

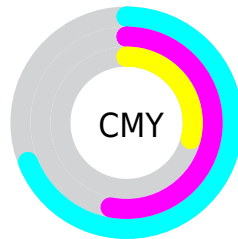


Cyan (56%)

Magenta (34%)

Yellow (0%)

Black (29%)



Cyan (69%)

Magenta (53%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F77B5 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 4F77B5 by changing the saturation by 10% instead.

■ 4F77B5

■ 4F77B5

FFFFFF

■ 325E9A

■ 87ABED

■ 094780

■ A3C6FF

■ 003166

■ C0E2FF

■ 001D4E

■ DDFFFF

■ 000237

■ FAFFFF

■ 000221

■ 000005

■ 000000

■ 4F77B5

■ 4F77B5

■ 3D6CB5

■ 6182B5

■ 2B61B5

■ 738DB5

■ 1956B5

■ 8598B5

■ 074BB5

■ 97A3B5

■ 0047B5

■ AAAEB5

■ BCB9B5

■ CEC4B5

■ E0CFB5

■ F2DAB5

Harmonies

Analogous

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



0080B0



4F77B5



836BA9

Triad

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



4F77B5



AE6152



34855D

Complementary

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



4F77B5



B58D4F

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.



607F42



4F77B5



9D6C3C

Square

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



4F77B5



B25C70



827735



00877D

Rectangle

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



4F77B5



9B6399



827735



458353

Sweetspot

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



4F77B5



C3D2EB



4FB58C



5E6775



F5F5F5



757575

Same Dimension

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



4F77B5



4B8AEB



594FB5



505459



003C99



000A1A

Inverse Universe

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



B54F77



EB4B8A



ABB54F



595054



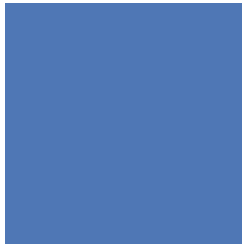
99003C



1A000A

Previews

White Background



This preview shows how the Hex color 4F77B5 looks on a white background.

Color Contrast Check

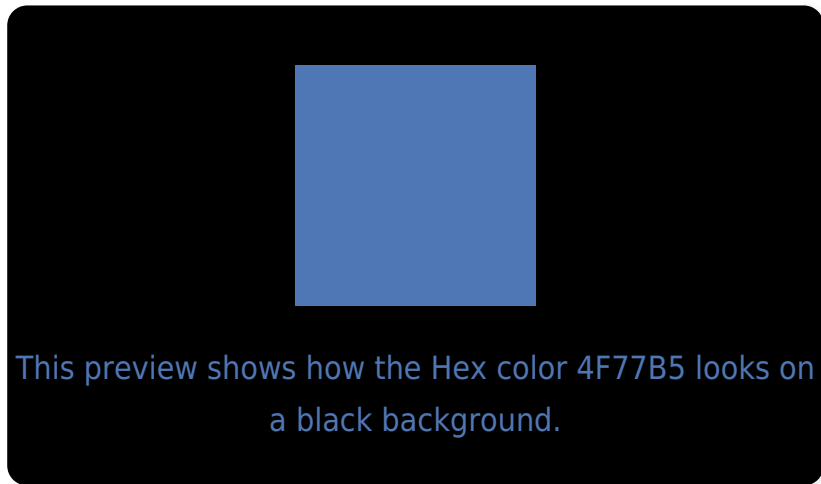
Large Text (above 18pt) WCAG AA ✓ Pass

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

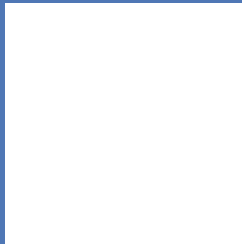
Any Text WCAG AAA × Fail

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

Hex 4F77B5 Background



This preview shows how black text looks on a background with the Hex color 4F77B5.



This preview shows how white text looks on a background with the Hex color 4F77B5.

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



Original Color
4F77B5

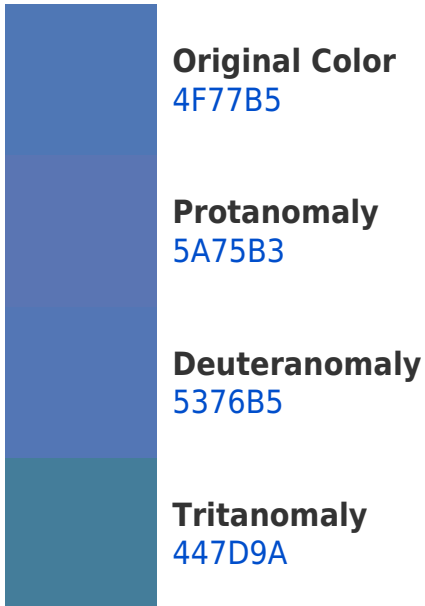
Protanopia
6074B2

Deuteranopia
5676B5



Tritanopia
3E808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F77B5 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 #4F77B5 looks like.

```
.text, #text, p{  
    color:#4F77B5  
}
```

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 #4F77B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F77B5
}
```

Border

The CSS property to change the border of an element to Hex 4F77B5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

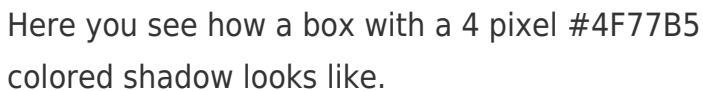
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F77B5 }
```

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

```
.border{ border-color:#4F77B5 }
```

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



Here you see how a box with a 4 pixel #4F77B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F77B5; -webkit-box-shadow:4px 4px  
4px 4px #4F77B5; box-shadow:4px 4px 4px  
4px #4F77B5 }
```

Background

The CSS property to change the background color of an element to Hex 4F77B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F77B5 }
```

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

```
.background{ background-color:#4F77B5 }
```

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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