

Converting Colors

Hex(4775AD)

Have a look what the booklet for
Hex(4775AD) contains.

Hex(4775AD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4775AD)

Conversions

Conversions Part 1

Format	Color
Hex	4775AD
RGB	71, 117, 173
RGB Percent	28%, 46%, 68%
CMY	0.7216, 0.5412, 0.3216
CMYK	0.59, 0.32, 0.00, 0.32
HSL	213°, 42%, 48%
HSV	213°, 59%, 68%
XYZ	16.5026, 17.0793, 41.9620
YIQ	109.6300, -45.3920, 7.6640

Conversions

Conversions Part 2

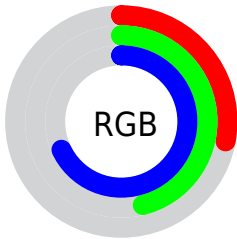
Format	Color
R_{YB}	71, 103, 173
Decimal	4683181
CIE Lab	48.36, 1.53, -34.58
CIE LCh	48, 34.613, 272.526
Yxy	17.0793, 0.2185, 0.2261
Android (android.graphics.Color)	4282873261 (0xFF4775AD)
YUV	109.6300, 31.2414, -33.8785
Hunter-Lab	41.3271, -1.0442, -31.2719

Details

The Hex color **4775AD** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AD7F47**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7FA9E5**, and **004578** is the 20% darker color. If you saturate the color by 10%, you get **366CAD**, and if you desaturate by 10%, it is **587EAD**.

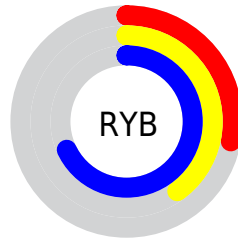
Distribution



Red (28%)

Green (46%)

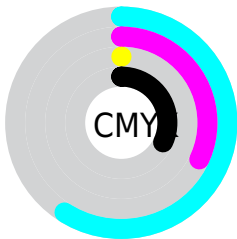
Blue (68%)



Red (28%)

Yellow (40%)

Blue (68%)

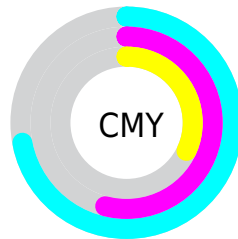


Cyan (59%)

Magenta (32%)

Yellow (0%)

Black (32%)



Cyan (72%)

Magenta (54%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4775AD 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 4775AD by changing the saturation by 10% instead.

■ 4775AD

■ 4775AD

FFFFFF

■ 285D92

■ 7FA9E5

■ 004578

■ 9BC4FF

■ 002F5F

■ B8E0FF

■ 001B47

■ D4FCFF

■ 000430

■ F2FFFF

■ 00011B

■ 000000

■ 4775AD

■ 4775AD

■ 366CAD

■ 587EAD

■ 2462AD

■ 6A88AD

■ 1359AD

■ 7B91AD

■ 024FAD

■ 8C9BAD

■ 004EAD

■ 9EA4AD

■ AFAEAD

■ C0B7AD

■ D1C1AD

■ E3CAAD

Harmonies

Analogous

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



007DA6



4775AD



796AA4

Triad

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



4775AD



A95E55



3F8057

Complementary

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



4775AD



AD7F47

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.



647A40



4775AD



9A683F

Square

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



4775AD



A95B71



827237



008274

Rectangle

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



4775AD



906397



827237



4C7E4E

Sweetspot

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



4775AD



B8CAE0



47AD7D



586370



F0F0F0



707070

Same Dimension

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



4775AD



4189E0



4A47AD



4E5257



004496



000A17

Inverse Universe

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



AD4775



E04189



AAAD47



574E52



960044



17000A

Previews

White Background



This preview shows how the Hex color 4775AD looks on a white background.

Color Contrast Check

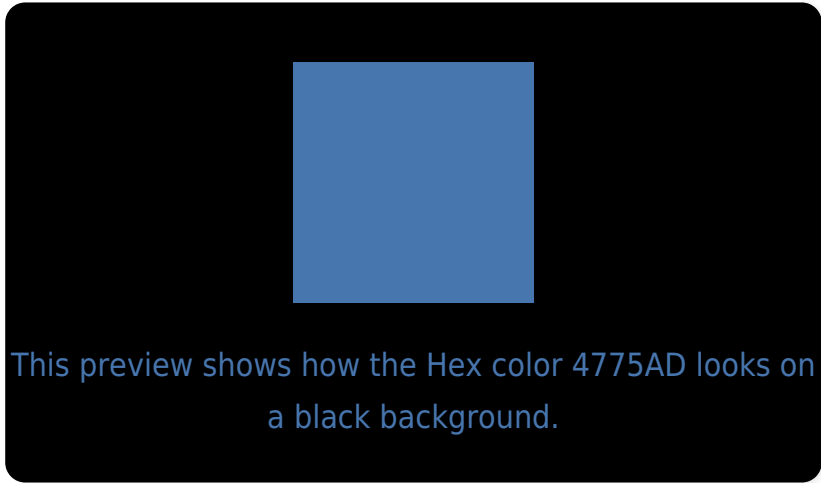
Large Text (above 18pt) WCAG AA ✓ Pass

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

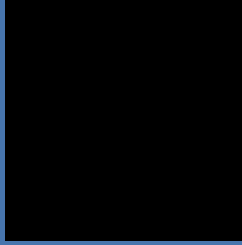
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 4775AD Background



This preview shows how black text looks on a background with the Hex color 4775AD.

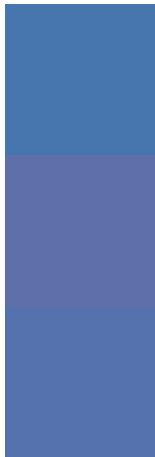


This preview shows how white text looks on a background with the Hex color 4775AD.

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
4775AD

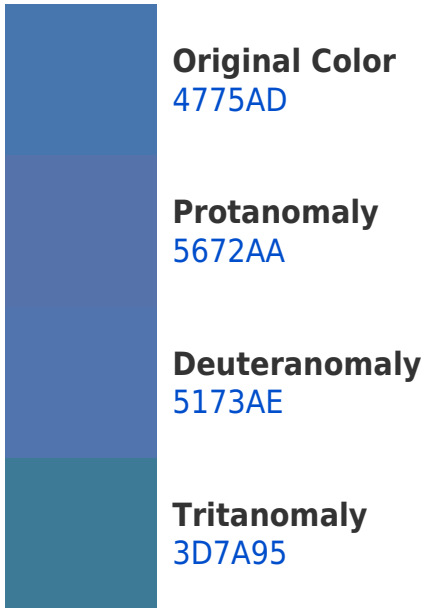
Protanopia
5F70A9

Deuteranopia
5672AE

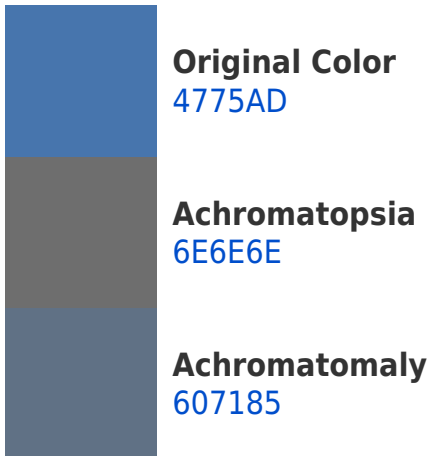


Tritanopia
377D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4775AD 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 #4775AD looks like.

```
.text, #text, p{  
    color:#4775AD  
}
```

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 #4775AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4775AD
}
```

Border

The CSS property to change the border of an element to Hex 4775AD 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
#4775AD }
```

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

```
.border{ border-color:#4775AD }
```

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

Here you see how a box with a 4 pixel #4775AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4775AD; -webkit-box-shadow:4px 4px  
4px 4px #4775AD; box-shadow:4px 4px 4px  
4px #4775AD }
```

Background

The CSS property to change the background color of an element to Hex 4775AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4775AD }
```

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

```
.background{ background-color:#4775AD }
```

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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