

Converting Colors

Hex(4D75AA)

Have a look what the booklet for
Hex(4D75AA) contains.

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Color

Hex(4D75AA)

Conversions

Conversions Part 1

Format	Color
Hex	4D75AA
RGB	77, 117, 170
RGB Percent	30%, 46%, 67%
CMY	0.6980, 0.5412, 0.3333
CMYK	0.55, 0.31, 0.00, 0.33
HSL	214°, 38%, 48%
HSV	214°, 55%, 67%
XYZ	16.6776, 17.2026, 40.4717
YIQ	111.0820, -40.8530, 8.0030

Conversions

Conversions Part 2

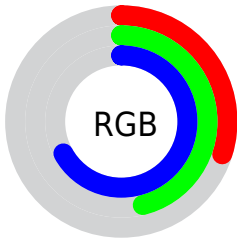
Format	Color
R_{YB}	77, 105, 170
Decimal	5076394
CIE _{Lab}	48.51, 1.84, -32.57
CIE _{LCh}	49, 32.621, 273.236
Yxy	17.2026, 0.2243, 0.2314
Android (android.graphics.Color)	4283266474 (0xFF4D75AA)
YUV	111.0820, 29.0466, -29.8899
Hunter-Lab	41.4761, -0.8081, -28.8209

Details

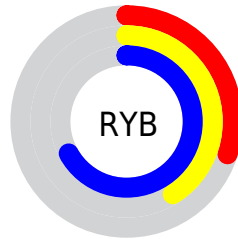
The Hex color **4D75AA** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AA824D**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **84A9E2**, and **0C4575** is the 20% darker color. If you saturate the color by 10%, you get **3C6BAA**, and if you desaturate by 10%, it is **5E7FAA**.

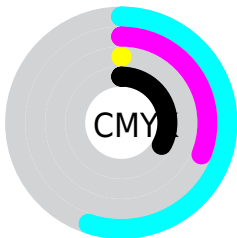
Distribution



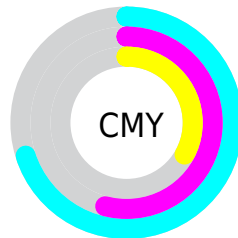
- Red (30%)
- Green (46%)
- Blue (67%)



- Red (30%)
- Yellow (41%)
- Blue (67%)



- Cyan (55%)
- Magenta (31%)
- Yellow (0%)
- Black (33%)



- Cyan (70%)
- Magenta (54%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D75AA 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 4D75AA by changing the saturation by 10% instead.

■ 4D75AA

■ 4D75AA

FFFFFF

■ 315D8F

■ 84A9E2

■ 0C4575

■ A0C4FE

■ 002F5D

■ BCE0FF

■ 001B45

■ D9FCFF

■ 00042E

■ F6FFFF

■ 000119

■ 000000

■ 4D75AA

■ 4D75AA

■ 3C6BAA

■ 5E7FAA

■ 2B62AA

■ 6F88AA

■ 1A58AA

■ 8092AA

■ 094EAA

■ 919CAA

■ 0049AA

■ A2A5AA

■ B3AFAA

■ C4B9AA

■ D5C3AA

■ E6CCAA

Harmonies

Analogous

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



007DA4



4D75AA



7A6BA1

Triad

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



4D75AA



A66056



428059

Complementary

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



4D75AA



AA824D

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.



657A44



4D75AA



996942

Square

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



4D75AA



A75D71



82733B



078275

Rectangle

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



4D75AA



906495



82733B



4F7E51

Sweetspot

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



4D75AA



BACADE



4DAA82



5B6470



F0F0F0



707070

Same Dimension

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



4D75AA



4B8ADE



534DAA



4C4F54



004094



000914

Inverse Universe

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



AA4D75



DE4B8A



A4AA4D



544C4F



940040



140009

Previews

White Background



This preview shows how the Hex color 4D75AA looks on a white background.

Color Contrast Check

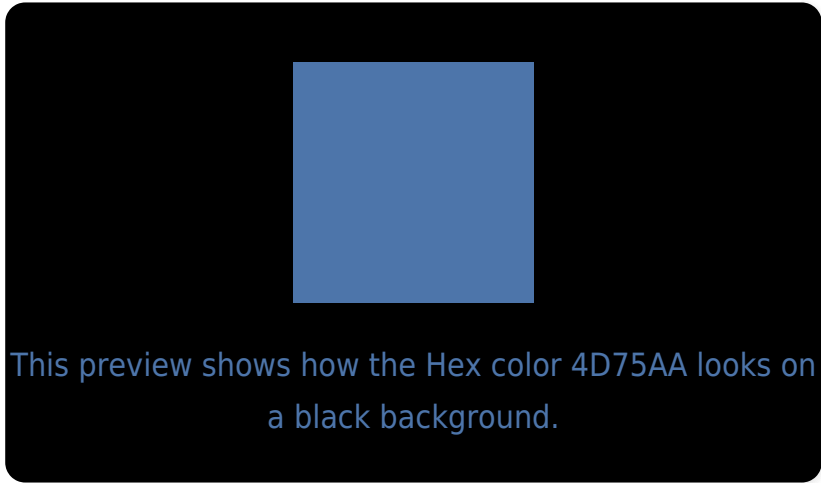
Large Text (above 18pt) WCAG AA ✓ Pass

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

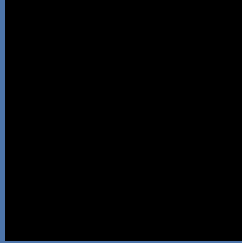
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

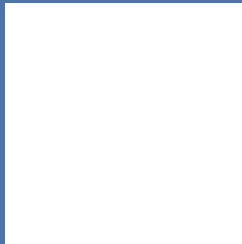
Any Text WCAG AAA × Fail

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

Hex 4D75AA Background



This preview shows how black text looks on a background with the Hex color 4D75AA.

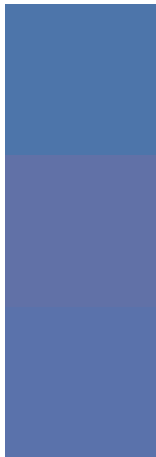


This preview shows how white text looks on a background with the Hex color 4D75AA.

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
4D75AA

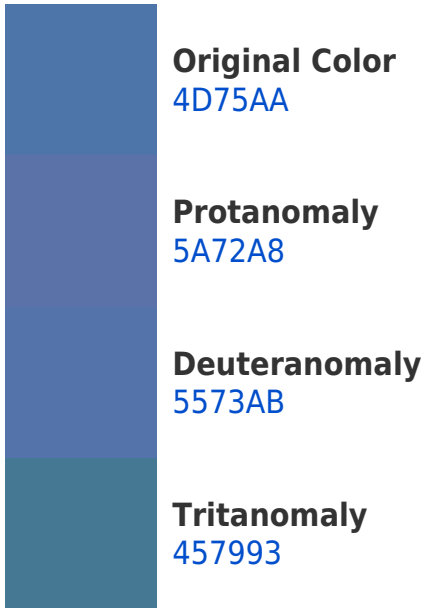
Protanopia
6171A7

Deuteranopia
5A72AB

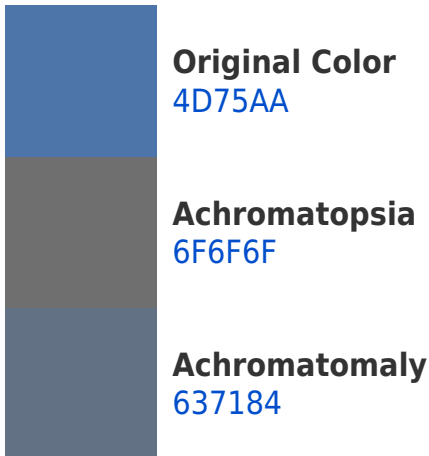


Tritanopia
407C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D75AA 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 #4D75AA looks like.

```
.text, #text, p{  
    color:#4D75AA  
}
```

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 #4D75AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D75AA
}
```

Border

The CSS property to change the border of an element to Hex 4D75AA 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
#4D75AA }
```

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

```
.border{ border-color:#4D75AA }
```

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

Here you see how a box with a 4 pixel #4D75AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D75AA; -webkit-box-shadow:4px 4px  
4px 4px #4D75AA; box-shadow:4px 4px 4px  
4px #4D75AA }
```

Background

The CSS property to change the background color of an element to Hex 4D75AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D75AA }
```

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

```
.background{ background-color:#4D75AA }
```

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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