

Converting Colors

Hex(5D75AD)

Have a look what the booklet for
Hex(5D75AD) contains.

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Color

Hex(5D75AD)

Conversions

Conversions Part 1

Format	Color
Hex	5D75AD
RGB	93, 117, 173
RGB Percent	36%, 46%, 68%
CMY	0.6353, 0.5412, 0.3216
CMYK	0.46, 0.32, 0.00, 0.32
HSL	222°, 33%, 52%
HSV	222°, 46%, 68%
XYZ	18.4183, 18.0669, 42.0517
YIQ	116.2080, -32.2800, 12.3280

Conversions

Conversions Part 2

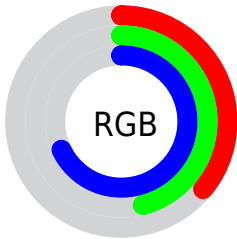
Format	Color
R_{YB}	93, 111, 173
Decimal	6124973
CIE Lab	49.58, 6.68, -32.58
CIE LCh	50, 33.261, 281.584
Yxy	18.0669, 0.2345, 0.2300
Android (android.graphics.Color)	4284315053 (0xFF5D75AD)
YUV	116.2080, 27.9985, -20.3534
Hunter-Lab	42.5051, 2.9636, -28.9039

Details

The Hex color **5D75AD** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AD955D**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **93A9E5**, and **274578** is the 20% darker color. If you saturate the color by 10%, you get **4C69AD**, and if you desaturate by 10%, it is **6E81AD**.

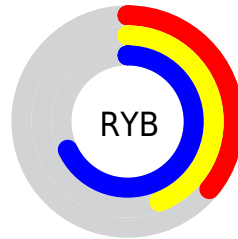
Distribution



Red (36%)

Green (46%)

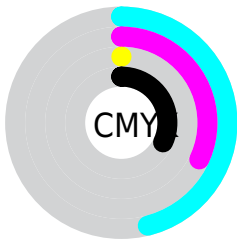
Blue (68%)



Red (36%)

Yellow (44%)

Blue (68%)

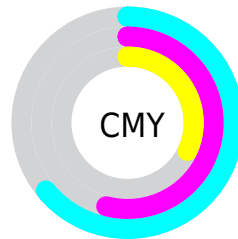


Cyan (46%)

Magenta (32%)

Yellow (0%)

Black (32%)



Cyan (64%)

Magenta (54%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D75AD 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 5D75AD by changing the saturation by 10% instead.

■ 5D75AD

■ 5D75AD

FFFFFF

■ 425D92

■ 93A9E5

■ 274578

■ AFC4FF

■ 012F5F

■ CBE0FF

■ 001B47

■ E8FCFF

■ 000031

■ 00011B

■ 000000

■ 5D75AD

■ 5D75AD

■ 4C69AD

■ 6E81AD

■ 3A5DAD

■ 808DAD

■ 2951AD

■ 9199AD

■ 1845AD

■ A2A5AD

■ 0638AD

■ B4B2AD

■ 0034AD

■ C5BEAD

■ D6CAAD

■ E7D6AD

■ F9E2AD

Harmonies

Analogous

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



1F7EAB



5D75AD



876AA0

Triad

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



5D75AD



A76552



388363

Complementary

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



5D75AD



AD955D

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.



5E7F4A



5D75AD



966E40

Square

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



5D75AD



AC5F6C



7D783D



008580

Rectangle

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



5D75AD



9A6491



7D783D



46825A

Sweetspot

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



5D75AD



C1CAE0



5DAD95



5D6370



F0F0F0



707070

Same Dimension

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



5D75AD



658AE0



6D5DAD



4E5157



002D96



000717

Inverse Universe

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



AD5D75



E0658A



9DAD5D



574E51



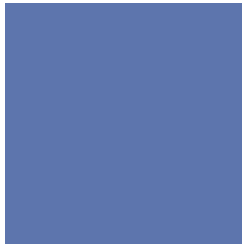
96002D



170007

Previews

White Background



This preview shows how the Hex color 5D75AD looks on a white background.

Color Contrast Check

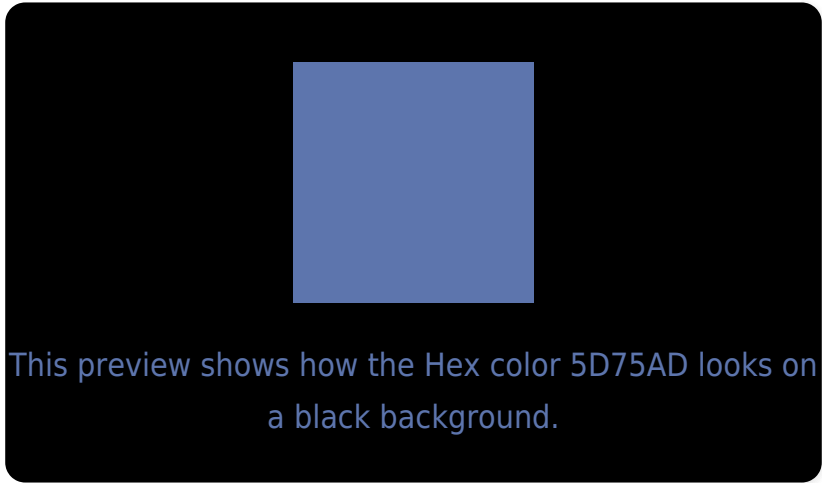
Large Text (above 18pt) WCAG AA ✓ Pass

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

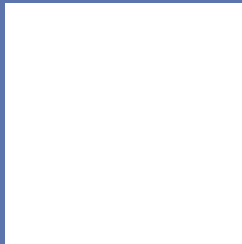
Any Text WCAG AAA × Fail

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

Hex 5D75AD Background



This preview shows how black text looks on a background with the Hex color 5D75AD.

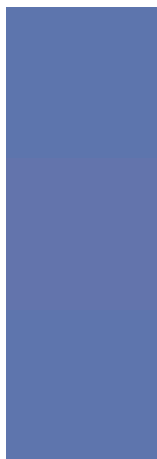


This preview shows how white text looks on a background with the Hex color 5D75AD.

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
5D75AD

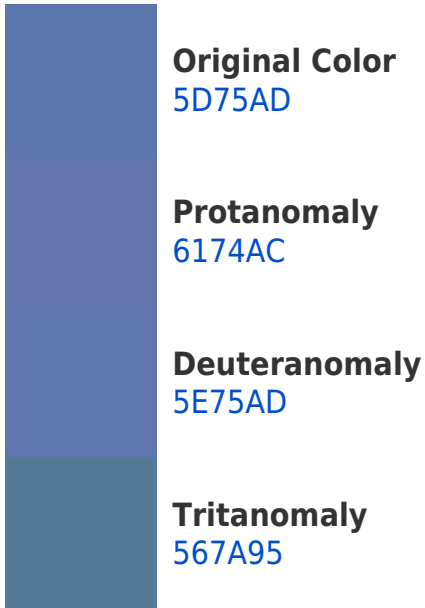
Protanopia
6374AC

Deuteranopia
5E75AD

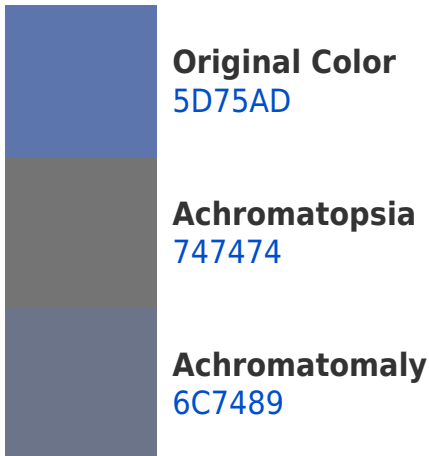


Tritanopia
527D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D75AD 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 #5D75AD looks like.

```
.text, #text, p{  
    color:#5D75AD  
}
```

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 #5D75AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D75AD
}
```

Border

The CSS property to change the border of an element to Hex 5D75AD 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
#5D75AD }
```

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

```
.border{ border-color:#5D75AD }
```

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

Here you see how a box with a 4 pixel #5D75AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D75AD; -webkit-box-shadow:4px 4px  
4px 4px #5D75AD; box-shadow:4px 4px 4px  
4px #5D75AD }
```

Background

The CSS property to change the background color of an element to Hex 5D75AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D75AD }
```

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

```
.background{ background-color:#5D75AD }
```

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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