

Converting Colors

Hex(5D8AAD)

Have a look what the booklet for
Hex(5D8AAD) contains.

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Color

Hex(5D8AAD)

Conversions

Conversions Part 1

Format	Color
Hex	5D8AAD
RGB	93, 138, 173
RGB Percent	36%, 54%, 68%
CMY	0.6353, 0.4588, 0.3216
CMYK	0.46, 0.20, 0.00, 0.32
HSL	206°, 33%, 52%
HSV	206°, 46%, 68%
XYZ	21.1455, 23.5212, 42.9607
YIQ	128.5350, -38.0550, 1.3450

Conversions

Conversions Part 2

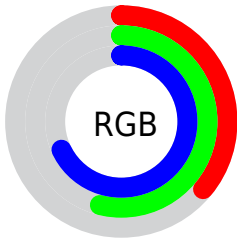
Format	Color
R _Y B	93, 122, 173
Decimal	6130349
CIE Lab	55.61, -5.68, -23.23
CIE LCh	56, 23.916, 256.272
Yxy	23.5212, 0.2413, 0.2684
Android (android.graphics.Color)	4284320429 (0xFF5D8AAD)
YUV	128.5350, 21.9212, -31.1642
Hunter-Lab	48.4987, -7.0465, -18.5707

Details

The Hex color **5D8AAD** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AD805D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **93BFE5**, and **265879** is the 20% darker color. If you saturate the color by 10%, you get **4C82AD**, and if you desaturate by 10%, it is **6E92AD**.

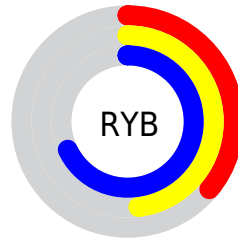
Distribution



Red (36%)

Green (54%)

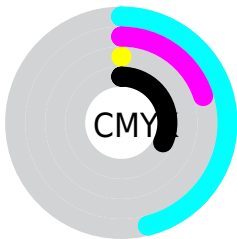
Blue (68%)



Red (36%)

Yellow (48%)

Blue (68%)

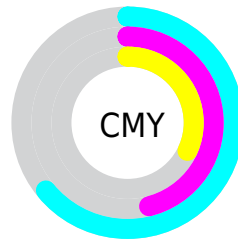


Cyan (46%)

Magenta (20%)

Yellow (0%)

Black (32%)



Cyan (64%)

Magenta (46%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D8AAD 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 5D8AAD by changing the saturation by 10% instead.

■ 5D8AAD

■ 5D8AAD

FFFFFF

■ 427192

■ 93BFE5

■ 265879

■ AFDBFF

■ 004160

■ CBF8FF

■ 002B48

■ E8FFFF

■ 001731

■ 00021C

■ 000000

■ 5D8AAD

■ 5D8AAD

■ 4C82AD

■ 6E92AD

■ 3A7BAD

■ 8099AD

■ 2973AD

■ 91A1AD

■ 186CAD

■ A2A8AD

■ 0664AD

■ B4B0AD

■ 0061AD

■ C5B7AD

■ D6BFAD

■ E7C7AD

■ F9CEAD

Harmonies

Analogous

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



478FA2



5D8AAD



7B83AD

Triad

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



5D8AAD



AF767B



718D68

Complementary

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



5D8AAD



AD805D

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.



88875D



5D8AAD



AA7A68

Square

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



5D8AAD



A87790



9D815D



59907B

Rectangle

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



5D8AAD



8E7EA7



9D815D



798B63

Sweetspot

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



5D8AAD



C1D3E0



5DAD80



5D6870



F0F0F0



707070

Same Dimension

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



5D8AAD



65AAE0



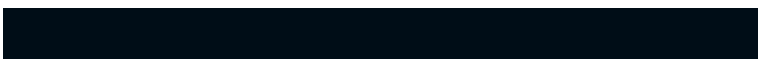
5D62AD



4E5357



005596



000D17

Inverse Universe

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



AD5D8A



E065AA



ADA85D



574E53



960055



17000D

Previews

White Background



This preview shows how the Hex color 5D8AAD looks on a white background.

Color Contrast Check

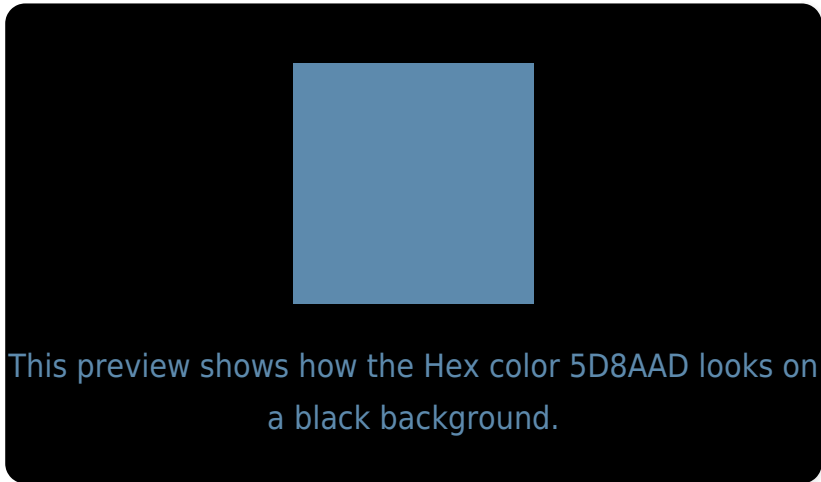
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

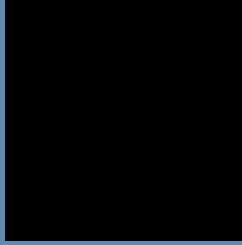
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

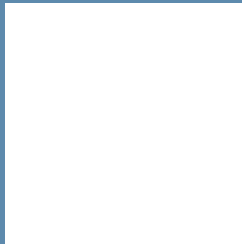
Any Text WCAG AAA × Fail

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

Hex 5D8AAD Background



This preview shows how black text looks on a background with the Hex color 5D8AAD.

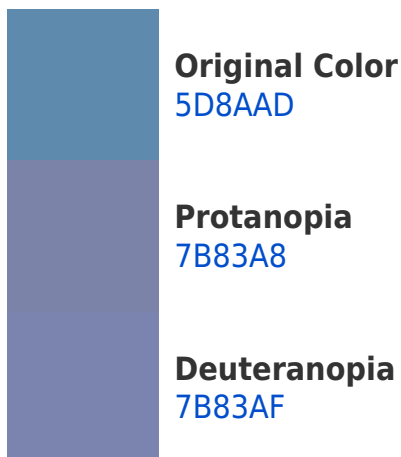


This preview shows how white text looks on a background with the Hex color 5D8AAD.

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](#).

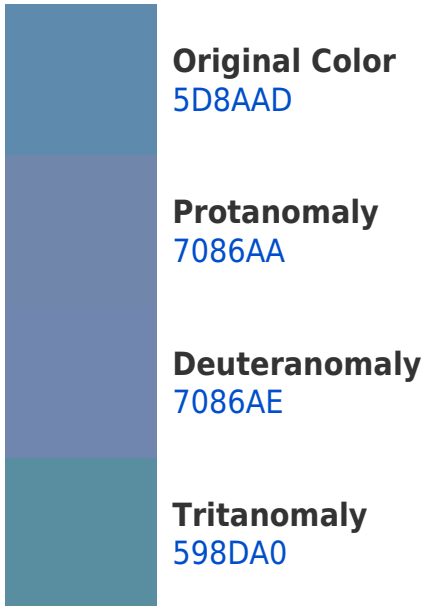
Dichromacy





Tritanopia
578E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D8AAD 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 #5D8AAD looks like.

```
.text, #text, p{  
    color:#5D8AAD  
}
```

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 #5D8AAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D8AAD
}
```

Border

The CSS property to change the border of an element to Hex 5D8AAD 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
#5D8AAD }
```

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

```
.border{ border-color:#5D8AAD }
```

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

Here you see how a box with a 4 pixel #5D8AAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D8AAD; -webkit-box-shadow:4px 4px  
4px 4px #5D8AAD; box-shadow:4px 4px 4px  
4px #5D8AAD }
```

Background

The CSS property to change the background color of an element to Hex 5D8AAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D8AAD }
```

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

```
.background{ background-color:#5D8AAD }
```

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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