

Converting Colors

Hex(5D71AD)

Have a look what the booklet for
Hex(5D71AD) contains.

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Color

Hex(5D71AD)

Conversions

Conversions Part 1

Format	Color
Hex	5D71AD
RGB	93, 113, 173
RGB Percent	36%, 44%, 68%
CMY	0.6353, 0.5569, 0.3216
CMYK	0.46, 0.35, 0.00, 0.32
HSL	225°, 33%, 52%
HSV	225°, 46%, 68%
XYZ	17.9622, 17.1545, 41.8996
YIQ	113.8600, -31.1800, 14.4200

Conversions

Conversions Part 2

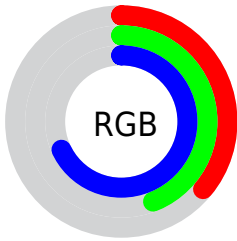
Format	Color
R_{YB}	93, 109, 173
Decimal	6123949
CIE _{Lab}	48.45, 9.11, -34.34
CIE _{LCh}	48, 35.532, 284.857
Yxy	17.1545, 0.2332, 0.2227
Android (android.graphics.Color)	4284314029 (0xFF5D71AD)
YUV	113.8600, 29.1560, -18.2942
Hunter-Lab	41.4180, 4.9302, -30.9867

Details

The Hex color **5D71AD** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AD995D**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **93A5E5**, and **274278** is the 20% darker color. If you saturate the color by 10%, you get **4C64AD**, and if you desaturate by 10%, it is **6E7EAD**.

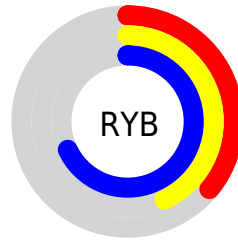
Distribution



Red (36%)

Green (44%)

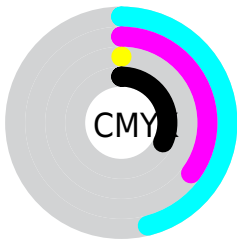
Blue (68%)



Red (36%)

Yellow (43%)

Blue (68%)

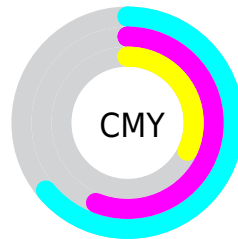


Cyan (46%)

Magenta (35%)

Yellow (0%)

Black (32%)



Cyan (64%)

Magenta (56%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D71AD 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 5D71AD by changing the saturation by 10% instead.

■ 5D71AD

■ 5D71AD

FFFFFF

■ 425992

■ 93A5E5

■ 274278

■ AFC0FF

■ 012C5F

■ CBDBFF

■ 001847

■ E8F8FF

■ 000230

■ 00011B

■ 000000

■ 5D71AD

■ 5D71AD

■ 4C64AD

■ 6E7EAD

■ 3A57AD

■ 808BAD

■ 294AAD

■ 9198AD

■ 183DAD

■ A2A5AD

■ 0630AD

■ B4B2AD

■ 002BAD

■ C5BFAD

■ D6CCAD

■ E7D9AD

■ F9E6AD

Harmonies

Analogous

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



0F7BAD



5D71AD



89659E

Triad

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



5D71AD



A5614A



278162

Complementary

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



5D71AD



AD995D

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.



557D47



5D71AD



926C39

Square

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



5D71AD



AC5B65



777637



008381

Rectangle

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



5D71AD



9C5F8D



777637



398058

Sweetspot

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



5D71AD



C1C9E0



5DAD99



5D6270



F0F0F0



707070

Same Dimension

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



5D71AD



6584E0



715DAD



4E5057



002696



000617

Inverse Universe

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



AD5D71



E06584



99AD5D



574E50



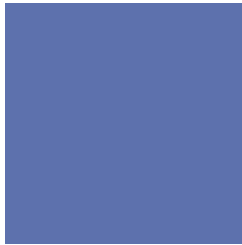
960026



170006

Previews

White Background



This preview shows how the Hex color 5D71AD looks on a white background.

Color Contrast Check

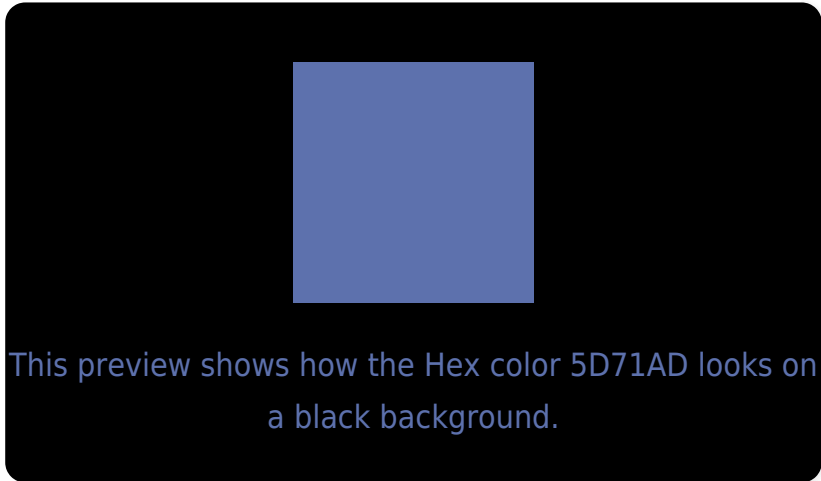
Large Text (above 18pt) WCAG AA ✓ Pass

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

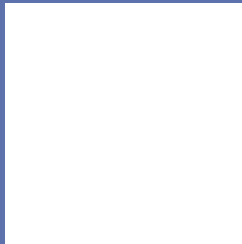
Any Text WCAG AAA × Fail

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

Hex 5D71AD Background



This preview shows how black text looks on a background with the Hex color 5D71AD.



This preview shows how white text looks on a background with the Hex color 5D71AD.

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
5D71AD

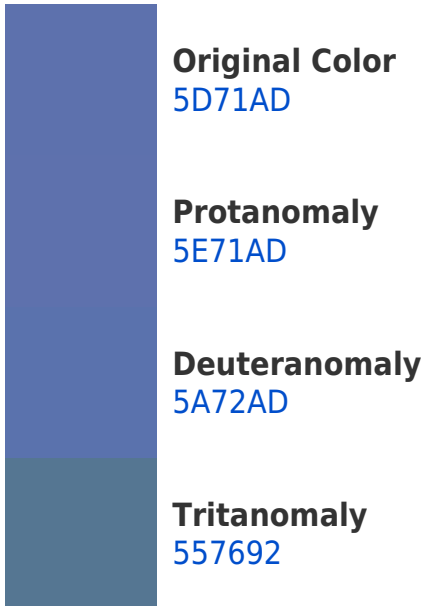
Protanopia
5E71AD

Deuteranopia
5872AD

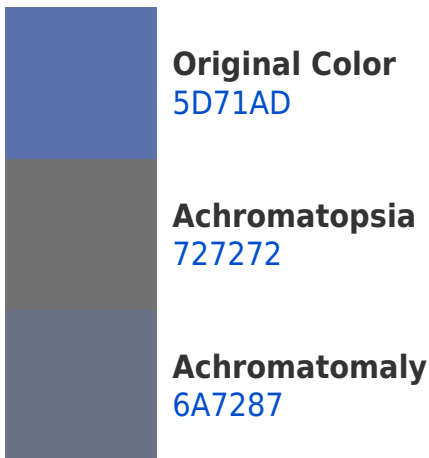


Tritanopia
517983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D71AD 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 #5D71AD looks like.

```
.text, #text, p{  
    color:#5D71AD  
}
```

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 #5D71AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D71AD
}
```

Border

The CSS property to change the border of an element to Hex 5D71AD 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
#5D71AD }
```

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

```
.border{ border-color:#5D71AD }
```

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

Here you see how a box with a 4 pixel #5D71AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D71AD; -webkit-box-shadow:4px 4px  
4px 4px #5D71AD; box-shadow:4px 4px 4px  
4px #5D71AD }
```

Background

The CSS property to change the background color of an element to Hex 5D71AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D71AD }
```

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

```
.background{ background-color:#5D71AD }
```

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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