

Converting Colors

Hex(5B70A1)

Have a look what the booklet for
Hex(5B70A1) contains.

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Color

Hex(5B70A1)

Conversions

Conversions Part 1

Format	Color
Hex	5B70A1
RGB	91, 112, 161
RGB Percent	36%, 44%, 63%
CMY	0.6431, 0.5608, 0.3686
CMYK	0.43, 0.30, 0.00, 0.37
HSL	222°, 28%, 49%
HSV	222°, 43%, 63%
XYZ	16.5416, 16.3857, 36.0091
YIQ	111.3070, -28.2450, 10.7870

Conversions

Conversions Part 2

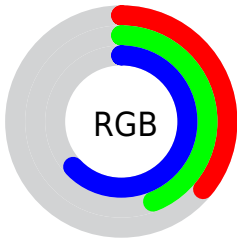
Format	Color
R_{YB}	91, 107, 161
Decimal	5992609
CIE _{Lab}	47.48, 5.55, -28.87
CIE _{LCh}	47, 29.395, 280.887
Yxy	16.3857, 0.2400, 0.2377
Android (android.graphics.Color)	4284182689 (0xFF5B70A1)
YUV	111.3070, 24.4986, -17.8092
Hunter-Lab	40.4792, 2.1042, -24.4071

Details

The Hex color **5B70A1** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A18C5B**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **90A4D8**, and **27416D** is the 20% darker color. If you saturate the color by 10%, you get **4B65A1**, and if you desaturate by 10%, it is **6B7BA1**.

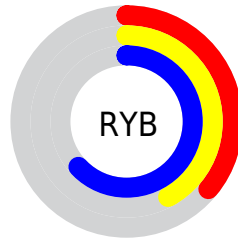
Distribution



Red (36%)

Green (44%)

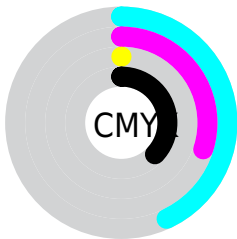
Blue (63%)



Red (36%)

Yellow (42%)

Blue (63%)

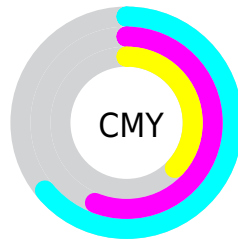


Cyan (43%)

Magenta (30%)

Yellow (0%)

Black (37%)



Cyan (64%)

Magenta (56%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B70A1 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 5B70A1 by changing the saturation by 10% instead.

■ 5B70A1

■ 5B70A1

FFFFFF

■ 415887

■ 90A4D8

■ 27416D

■ ABBFF5

■ 062B55

■ C7DAFF

■ 00173D

■ E4F7FF

■ 000327

■ 000110

■ 000000

■ 5B70A1

■ 5B70A1

■ 4B65A1

■ 6B7BA1

■ 3B59A1

■ 7B87A1

■ 2B4EA1

■ 8B92A1

■ 1B43A1

■ 9B9DA1

■ 0A38A1

■ ACA8A1

■ 0030A1

■ BCB4A1

■ CCBFA1

■ DCCAA1

■ ECD5A1

Harmonies

Analogous

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



2D789F



5B70A1



7F6796

Triad

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



5B70A1



9D6151



3D7D60

Complementary

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



5B70A1



A18C5B

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.



5D794A



5B70A1



8E6A42

Square

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



5B70A1



A05D68



78723F



127E79

Rectangle

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



5B70A1



906189



78723F



487C58

Sweetspot

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



5B70A1



B6BED1



5BA18C



585D69



E8E8E8



696969

Same Dimension

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



5B70A1



6485D1



695BA1



494C52



002C91



000512

Inverse Universe

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



A15B70



D16485



93A15B



52494C



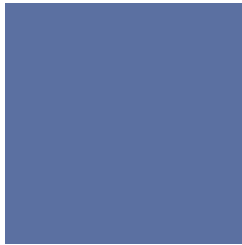
91002C



120005

Previews

White Background



This preview shows how the Hex color 5B70A1 looks on a white background.

Color Contrast Check

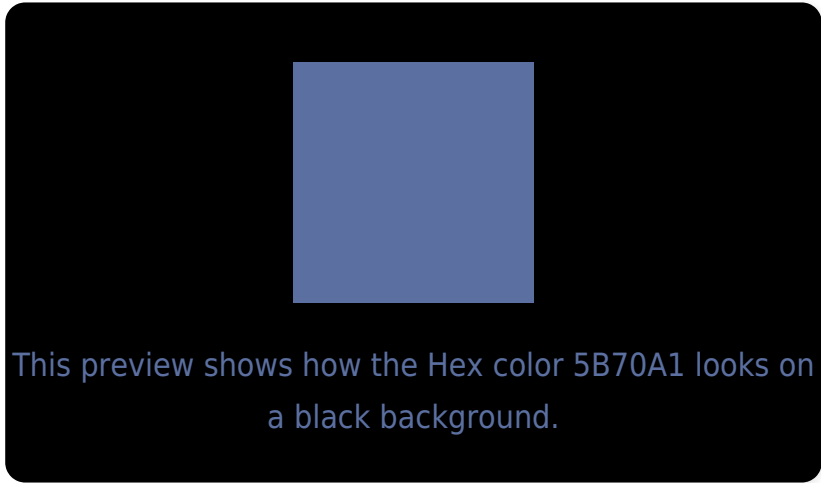
Large Text (above 18pt) WCAG AA ✓ Pass

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

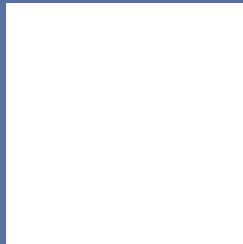
Any Text WCAG AAA × Fail

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

Hex 5B70A1 Background



This preview shows how black text looks on a background with the Hex color 5B70A1.

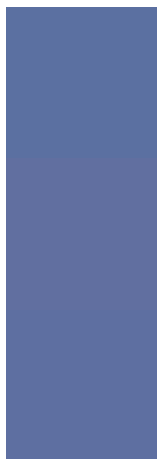


This preview shows how white text looks on a background with the Hex color 5B70A1.

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

5B70A1

Protanopia

616FA0

Deuteranopia

5E6FA1



Tritanopia
527680

Trichromacy



Original Color
5B70A1

Protanomaly
5F6FA0

Deuteranomaly
5D6FA1

Tritanomaly
55748C

Monochromacy



Original Color
5B70A1

Achromatopsia
6F6F6F

Achromatomaly
686F81

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B70A1 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 #5B70A1 looks like.

```
.text, #text, p{  
    color:#5B70A1  
}
```

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 #5B70A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B70A1
}
```

Border

The CSS property to change the border of an element to Hex 5B70A1 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
#5B70A1 }
```

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

```
.border{ border-color:#5B70A1 }
```

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

Here you see how a box with a 4 pixel #5B70A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B70A1; -webkit-box-shadow:4px 4px  
4px 4px #5B70A1; box-shadow:4px 4px 4px  
4px #5B70A1 }
```

Background

The CSS property to change the background color of an element to Hex 5B70A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B70A1 }
```

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

```
.background{ background-color:#5B70A1 }
```

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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