

Converting Colors

Hex(5071AB)

Have a look what the booklet for
Hex(5071AB) contains.

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Color

Hex(5071AB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5071AB |
| RGB | 80, 113, 171 |
| RGB Percent | 31%, 44%, 67% |
| CMY | 0.6863, 0.5569, 0.3294 |
| CMYK | 0.53, 0.34, 0.00, 0.33 |
| HSL | 218°, 36%, 49% |
| HSV | 218°, 53%, 67% |
| XYZ | 16.5641, 16.4560, 40.8314 |
| YIQ | 109.7450, -38.2860, 11.0420 |

Conversions

Conversions Part 2

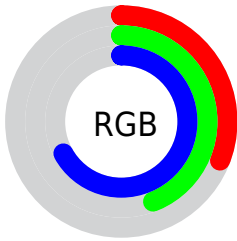
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 80, 104, 171 |
| Decimal | 5271979 |
| CIE Lab | 47.57, 5.29, -34.63 |
| CIE LCh | 48, 35.028, 278.682 |
| Yxy | 16.4560, 0.2243, 0.2228 |
| Android (android.graphics.Color) | 4283462059 (0xFF5071AB) |
| YUV | 109.7450, 30.1987, -26.0864 |
| Hunter-Lab | 40.5660, 1.8954, -31.2817 |

Details

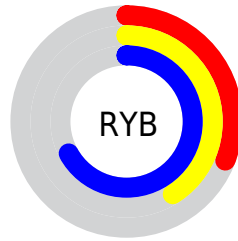
The Hex color **5071AB** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AB8A50**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **87A5E3**, and **124276** is the 20% darker color. If you saturate the color by 10%, you get **3F66AB**, and if you desaturate by 10%, it is **617CAB**.

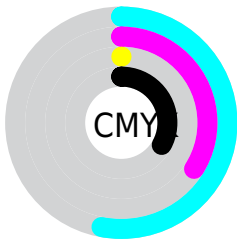
Distribution



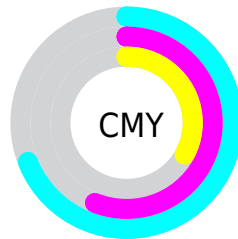
- Red (31%)
- Green (44%)
- Blue (67%)



- Red (31%)
- Yellow (41%)
- Blue (67%)



- Cyan (53%)
- Magenta (34%)
- Yellow (0%)
- Black (33%)



- Cyan (69%)
- Magenta (56%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5071AB 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 5071AB by changing the saturation by 10% instead.

■ 5071AB

■ 5071AB

FFFFFF

■ 345990

■ 87A5E3

■ 124276

■ A2C0FF

■ 002C5D

■ BFD8FF

■ 001845

■ DCF8FF

■ 00042F

■ F9FFFF

■ 000119

■ 000000

■ 5071AB

■ 5071AB

■ 3F66AB

■ 617CAB

■ 2E5BAB

■ 7287AB

■ 1D50AB

■ 8392AB

■ 0C45AB

■ 949DAB

■ 003EAB

■ A5A7AB

■ B7B2AB

■ C8BDAB

■ D9C8AB

■ EAD3AB

Harmonies

Analogous

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



007AA7



5071AB



7F669F

Triad

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



5071AB



A55E4D



327E5A

Complementary

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



5071AB



AB8A50

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.



5B7A41



5071AB



94683A

Square

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



5071AB



A95869



7B7235



008079

Rectangle

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



5071AB



945F90



7B7235



417D51

Sweetspot

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



5071AB



BAC7DE



50AB8A



5B6370



F0F0F0



707070

Same Dimension

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



5071AB



5083DE



5C50AB



4E5157



003796



000817

Inverse Universe

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



AB5071



DE5083



9FAB50



574E51



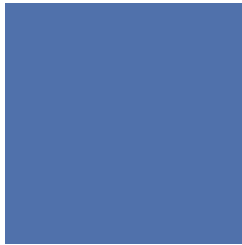
960037



170008

Previews

White Background



This preview shows how the Hex color 5071AB looks on a white background.

Color Contrast Check

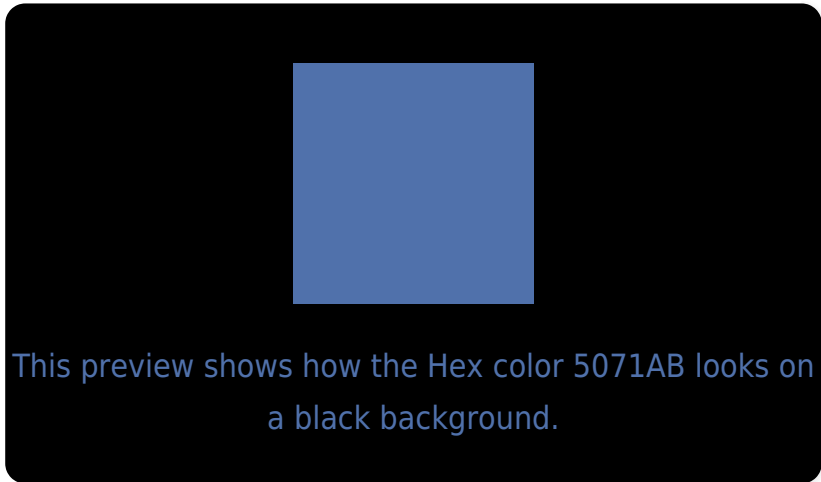
Large Text (above 18pt) WCAG AA ✓ Pass

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

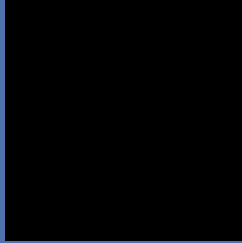
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

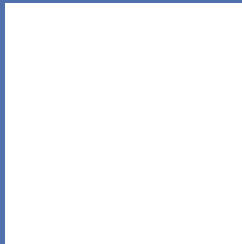
Any Text WCAG AAA × Fail

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

Hex 5071AB Background



This preview shows how black text looks on a background with the Hex color 5071AB.



This preview shows how white text looks on a background with the Hex color 5071AB.

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
5071AB

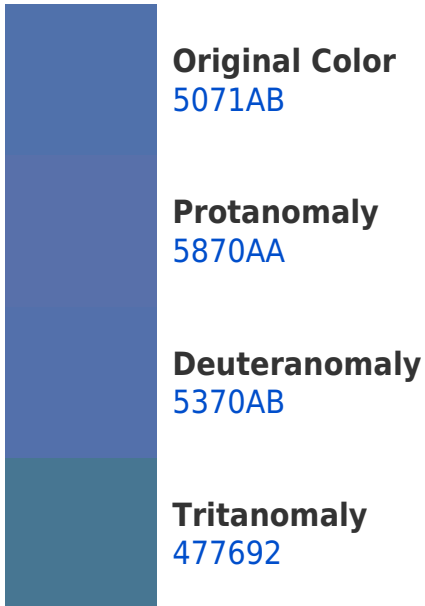
Protanopia
5C6FA9

Deuteranopia
5470AB



Tritanopia
427983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5071AB 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 #5071AB looks like.

```
.text, #text, p{  
    color:#5071AB  
}
```

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 #5071AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5071AB
}
```

Border

The CSS property to change the border of an element to Hex 5071AB 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".

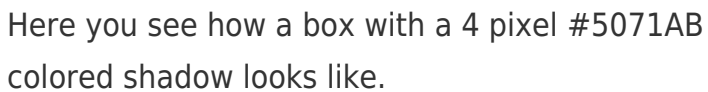
```
.border, #border, table{ border:4px solid
#5071AB }
```

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

```
.border{ border-color:#5071AB }
```

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

Here you see how a box with a 4 pixel #5071AB colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5071AB; -webkit-box-shadow:4px 4px  
4px 4px #5071AB; box-shadow:4px 4px 4px  
4px #5071AB }
```

Background

The CSS property to change the background color of an element to Hex 5071AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5071AB }
```

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

```
.background{ background-color:#5071AB }
```

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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