

Converting Colors

Hex(5A76BE)

Have a look what the booklet for
Hex(5A76BE) contains.

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Color

Hex(5A76BE)

Conversions

Conversions Part 1

Format	Color
Hex	5A76BE
RGB	90, 118, 190
RGB Percent	35%, 46%, 75%
CMY	0.6471, 0.5373, 0.2549
CMYK	0.53, 0.38, 0.00, 0.25
HSL	223°, 43%, 55%
HSV	223°, 53%, 75%
XYZ	19.9891, 18.8482, 51.2997
YIQ	117.8360, -39.8000, 16.4560

Conversions

Conversions Part 2

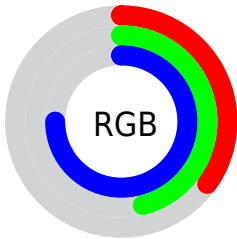
Format	Color
R_{YB}	90, 112, 190
Decimal	5928638
CIE _{Lab}	50.51, 10.66, -40.95
CIE _{LCh}	51, 42.320, 284.595
Yxy	18.8482, 0.2218, 0.2091
Android (android.graphics.Color)	4284118718 (0xFF5A76BE)
YUV	117.8360, 35.5769, -24.4122
Hunter-Lab	43.4146, 6.2104, -39.6684

Details

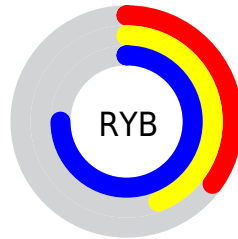
The Hex color **5A76BE** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **BEA25A**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **92AAF7**, and **1D4688** is the 20% darker color. If you saturate the color by 10%, you get **4768BE**, and if you desaturate by 10%, it is **6D84BE**.

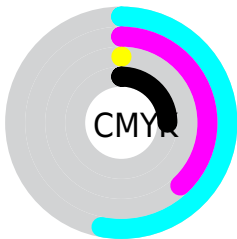
Distribution



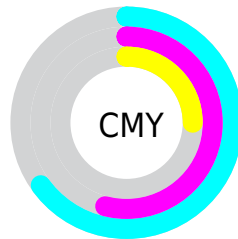
- Red (35%)
- Green (46%)
- Blue (75%)



- Red (35%)
- Yellow (44%)
- Blue (75%)



- Cyan (53%)
- Magenta (38%)
- Yellow (0%)
- Black (25%)



- Cyan (65%)
- Magenta (54%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A76BE 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 5A76BE by changing the saturation by 10% instead.

■ 5A76BE

■ 5A76BE

FFFFFF

■ 3D5EA3

■ 92AAF7

■ 1D4688

■ AEC5FF

■ 00306E

■ CBE1FF

■ 001C56

■ E8FEFF

■ 00003E

■ 000327

■ 000111

■ 000000

■ 5A76BE

■ 5A76BE

■ 4768BE

■ 6D84BE

■ 345BBE

■ 8091BE

■ 214DBE

■ 939FBE

■ 0E3FBE

■ A6ADBE

■ 0035BE

■ B9BABE

■ CCC8BE

■ DFD6BE

■ F2E3BE

■ FFF1BE

Harmonies

Analogous

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



0081BD



5A76BE



9168AC

Triad

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



5A76BE



B36247



058964

Complementary

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



5A76BE



BEA25A

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.



538443



5A76BE



9C7031

Square

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



5A76BE



BC5968



7C7C2F



008A89

Rectangle

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



5A76BE



A95F98



7C7C2F



2E8858

Sweetspot

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



5A76BE



D0DBF7



5ABEA2



656C7D



FCFCFC



7D7D7D

Same Dimension

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



5A76BE



5C87F7



705ABE



55585E



002C9E



00091F

Inverse Universe

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



BE5A76



F75C87



A8BE5A



5E5558



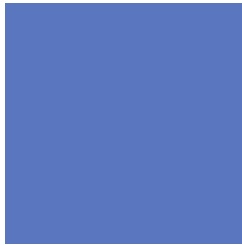
9E002C



1F0009

Previews

White Background



This preview shows how the Hex color 5A76BE looks on a white background.

Color Contrast Check

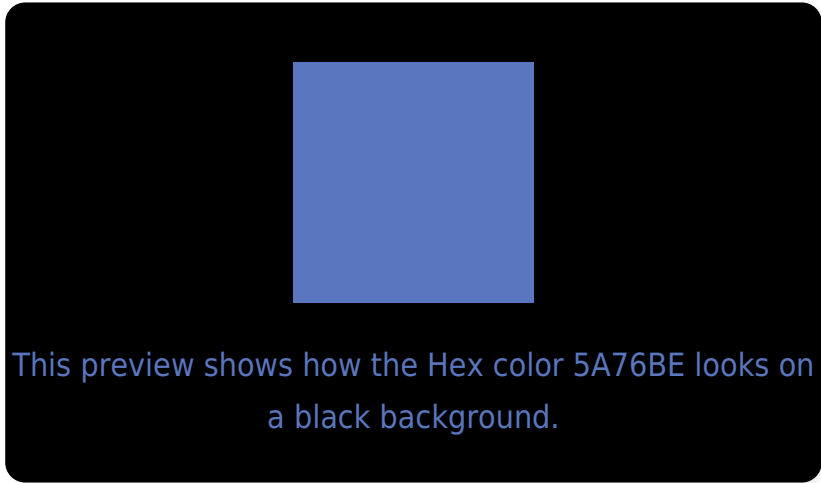
Large Text (above 18pt) WCAG AA ✓ Pass

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

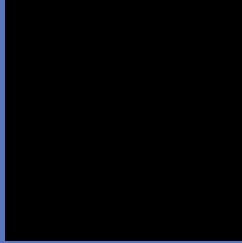
Any Text WCAG AA ✓ Pass

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 5A76BE Background



This preview shows how black text looks on a background with the Hex color 5A76BE.

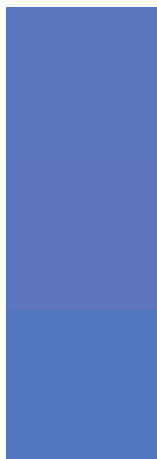


This preview shows how white text looks on a background with the Hex color 5A76BE.

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
5A76BE

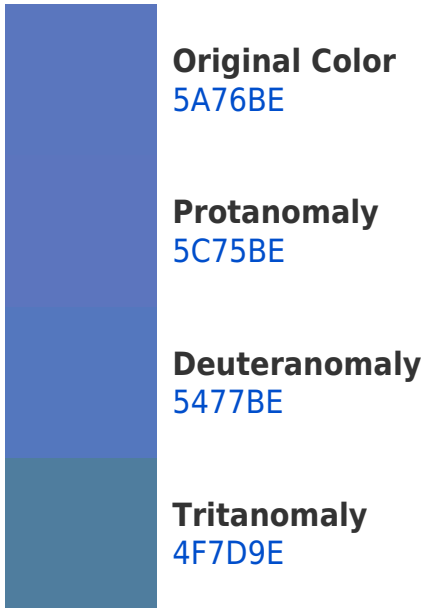
Protanopia
5D75BE

Deuteranopia
5178BE



Tritanopia
49818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A76BE 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 #5A76BE looks like.

```
.text, #text, p{  
    color:#5A76BE  
}
```

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 #5A76BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A76BE
}
```

Border

The CSS property to change the border of an element to Hex 5A76BE 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
#5A76BE }
```

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

```
.border{ border-color:#5A76BE }
```

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

Here you see how a box with a 4 pixel #5A76BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A76BE; -webkit-box-shadow:4px 4px  
4px 4px #5A76BE; box-shadow:4px 4px 4px  
4px #5A76BE }
```

Background

The CSS property to change the background color of an element to Hex 5A76BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A76BE }
```

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

```
.background{ background-color:#5A76BE }
```

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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