

Converting Colors

Hex(5A468C)

Have a look what the booklet for
Hex(5A468C) contains.

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Color

Hex(5A468C)

Conversions

Conversions Part 1

Format	Color
Hex	5A468C
RGB	90, 70, 140
RGB Percent	35%, 27%, 55%
CMY	0.6471, 0.7255, 0.4510
CMYK	0.36, 0.50, 0.00, 0.45
HSL	257°, 33%, 41%
HSV	257°, 50%, 55%
XYZ	11.1402, 8.4474, 25.8543
YIQ	83.9600, -10.5500, 26.0100

Conversions

Conversions Part 2

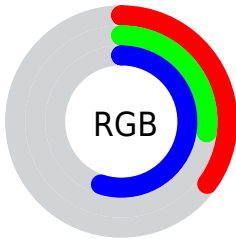
Format	Color
R_{YB}	90, 70, 140
Decimal	5916300
CIE _{Lab}	34.90, 25.31, -36.09
CIE _{LCh}	35, 44.080, 305.036
Yxy	8.4474, 0.2452, 0.1859
Android (android.graphics.Color)	4284106380 (0xFF5A468C)
YUV	83.9600, 27.6277, 5.2971
Hunter-Lab	29.0645, 17.5552, -32.3963

Details

The Hex color **5A468C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **788C46**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **8E77C2**, and **271A59** is the 20% darker color. If you saturate the color by 10%, you get **50388C**, and if you desaturate by 10%, it is **64548C**.

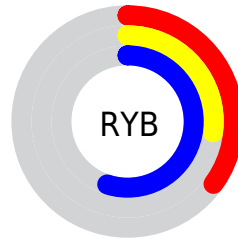
Distribution



Red (35%)

Green (27%)

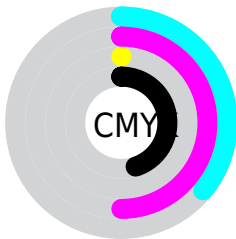
Blue (55%)



Red (35%)

Yellow (27%)

Blue (55%)

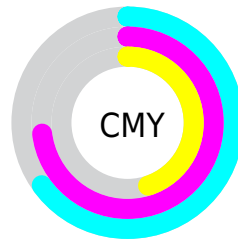


Cyan (36%)

Magenta (50%)

Yellow (0%)

Black (45%)



Cyan (65%)

Magenta (73%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A468C 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 5A468C by changing the saturation by 10% instead.

■ 5A468C

■ 5A468C

FFFFFF

■ 412F72

■ 8E77C2

■ 271A59

■ AA91DE

■ 0D0341

■ C6ABFB

■ 00002B

■ E2C7FF

■ 000115

■ FFE3FF

■ 000000

■ 5A468C

■ 5A468C

■ 50388C

■ 64548C

■ 462A8C

■ 6E628C

■ 3C1C8C

■ 78708C

■ 320E8C

■ 827E8C

■ 28008C

■ 8C8C8C

■ 969A8C

■ A0A88C

■ AAB68C

■ B4C48C

Harmonies

Analogous

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



005498



5A468C



813670

Triad

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



5A468C



7A450D



006257

Complementary

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



5A468C



788C46

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.



006033



5A468C



5E5200

Square

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



5A468C



8D362C



395B11



00627A

Rectangle

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



5A468C



8D2F59



395B11



00624B

Sweetspot

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



5A468C



A29AB5



46788C



504B5C



DBDBDB



5C5C5C

Same Dimension

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



5A468C



6748B5



7D468C



403E45



260085



010005

Inverse Universe

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



8C4678



B54896



558C46



453E43



85005F



050004

Previews

White Background



This preview shows how the Hex color 5A468C looks on a white background.

Color Contrast Check

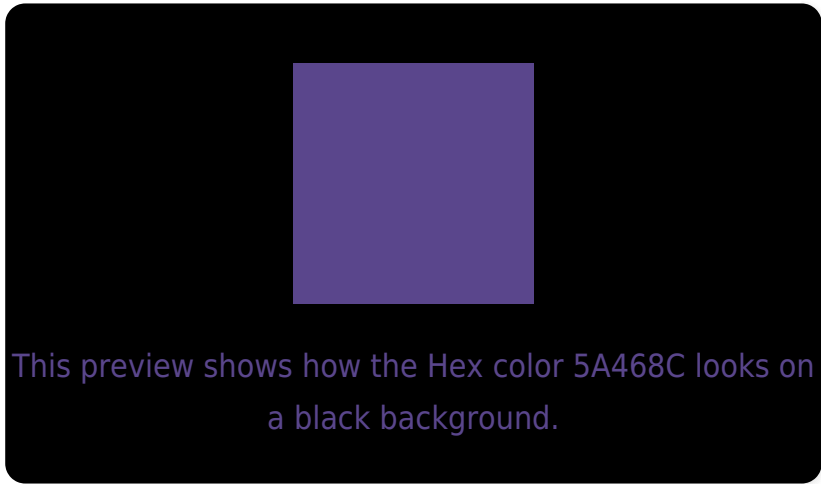
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

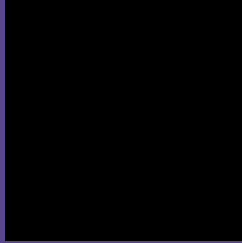
Any Text WCAG AA × Fail

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 5A468C Background



This preview shows how black text looks on a background with the Hex color 5A468C.

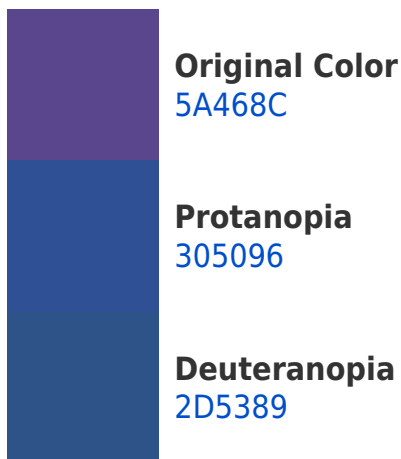


This preview shows how white text looks on a background with the Hex color 5A468C.

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
4F5259

Trichromacy



Original Color
5A468C

Protanomaly
3F4C92

Deuteranomaly
3D4E8A

Tritanomaly
534E6C

Monochromacy



Original Color
5A468C

Achromatopsia
545454

Achromatomaly
564F68

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A468C 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 #5A468C looks like.

```
.text, #text, p{  
    color:#5A468C  
}
```

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 #5A468C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A468C
}
```

Border

The CSS property to change the border of an element to Hex 5A468C is called "border". The border property can be set on classes, ids or directly on the HTML element.

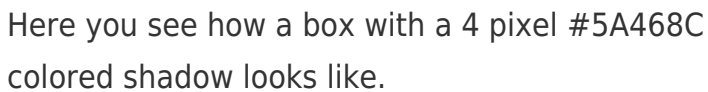
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A468C }
```

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

```
.border{ border-color:#5A468C }
```

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



Here you see how a box with a 4 pixel #5A468C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A468C; -webkit-box-shadow:4px 4px  
4px 4px #5A468C; box-shadow:4px 4px 4px  
4px #5A468C }
```

Background

The CSS property to change the background color of an element to Hex 5A468C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A468C }
```

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

```
.background{ background-color:#5A468C }
```

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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