

Converting Colors

Hex(5470A8)

Have a look what the booklet for
Hex(5470A8) contains.

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Color

Hex(5470A8)

Conversions

Conversions Part 1

Format	Color
Hex	5470A8
RGB	84, 112, 168
RGB Percent	33%, 44%, 66%
CMY	0.6706, 0.5608, 0.3412
CMYK	0.50, 0.33, 0.00, 0.34
HSL	220°, 33%, 49%
HSV	220°, 50%, 66%
XYZ	16.5182, 16.3003, 39.3215
YIQ	110.0120, -34.6640, 11.4800

Conversions

Conversions Part 2

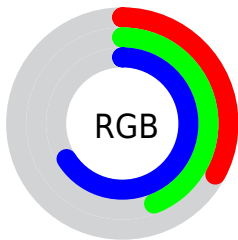
Format	Color
R _Y B	84, 105, 168
Decimal	5533864
CIE Lab	47.37, 5.90, -33.17
CIE LCh	47, 33.693, 280.079
Yxy	16.3003, 0.2290, 0.2260
Android (android.graphics.Color)	4283723944 (0xFF5470A8)
YUV	110.0120, 28.5881, -22.8125
Hunter-Lab	40.3736, 2.3764, -29.4833

Details

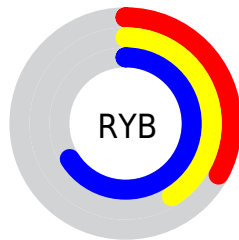
The Hex color **5470A8** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A88C54**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **8AA3DF**, and **1B4174** is the 20% darker color. If you saturate the color by 10%, you get **4365A8**, and if you desaturate by 10%, it is **657BA8**.

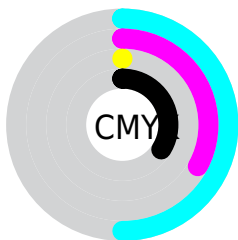
Distribution



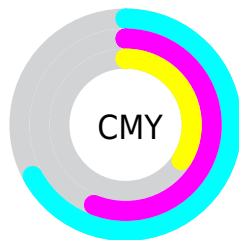
- Red (33%)
- Green (44%)
- Blue (66%)



- Red (33%)
- Yellow (41%)
- Blue (66%)



- Cyan (50%)
- Magenta (33%)
- Yellow (0%)
- Black (34%)



- Cyan (67%)
- Magenta (56%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5470A8 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 5470A8 by changing the saturation by 10% instead.

■ 5470A8

■ 5470A8

FFFFFF

■ 39588D

■ 8AA3DF

■ 1B4174

■ A6BEFC

■ 002B5B

■ C2DAFF

■ 001743

■ DFF7FF

■ 00032C

■ FCFFFF

■ 000117

■ 000000

■ 5470A8

■ 5470A8

■ 4365A8

■ 657BA8

■ 325AA8

■ 7686A8

■ 224EA8

■ 8692A8

■ 1143A8

■ 979DA8

■ 0038A8

■ A8A8A8

■ B9B3A8

■ CABEA8

■ DACAA8

■ EBD5A8

Harmonies

Analogous

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



0379A5



5470A8



7F659C

Triad

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



5470A8



A25E4D



337E5C

Complementary

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



5470A8



A8C54

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.



5A7944



5470A8



92683B

Square

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



5470A8



A65968



797237



007F79

Rectangle

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



5470A8



945F8D



797237



417C53

Sweetspot

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



5470A8



BAC5DB



54A88C



5A606E



EDEDED



6E6E6E

Same Dimension

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



5470A8



5884DB



6254A8



4C4F54



003194



000714

Inverse Universe

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



A85470



DB5884



9AA854



544C4F



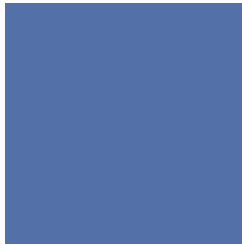
940031



140007

Previews

White Background



This preview shows how the Hex color 5470A8 looks on a white background.

Color Contrast Check

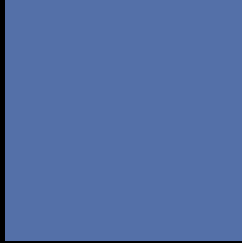
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 5470A8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

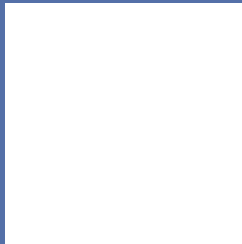
Any Text WCAG AAA × Fail

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

Hex 5470A8 Background



This preview shows how black text looks on a background with the Hex color 5470A8.

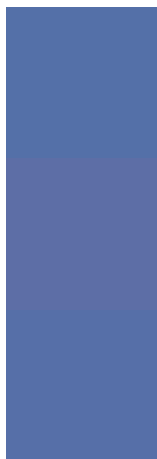


This preview shows how white text looks on a background with the Hex color 5470A8.

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

5470A8

Protanopia

5D6EA6

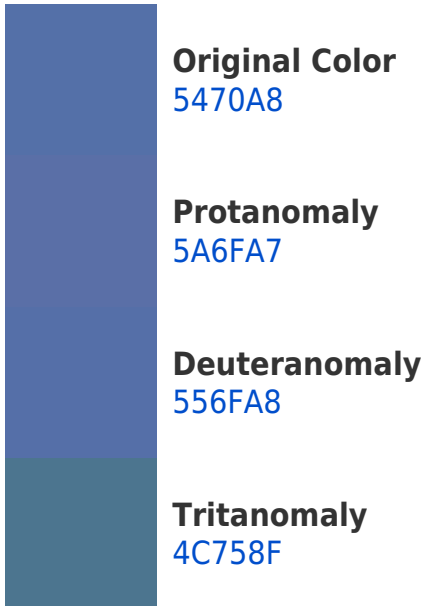
Deuteranopia

566FA8



Tritanopia
487881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5470A8 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 #5470A8 looks like.

```
.text, #text, p{  
    color:#5470A8  
}
```

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 #5470A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5470A8
}
```

Border

The CSS property to change the border of an element to Hex 5470A8 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
#5470A8 }
```

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

```
.border{ border-color:#5470A8 }
```

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

Here you see how a box with a 4 pixel #5470A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5470A8; -webkit-box-shadow:4px 4px  
4px 4px #5470A8; box-shadow:4px 4px 4px  
4px #5470A8 }
```

Background

The CSS property to change the background color of an element to Hex 5470A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5470A8 }
```

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

```
.background{ background-color:#5470A8 }
```

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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