

Converting Colors

Hex(5474B7)

Have a look what the booklet for
Hex(5474B7) contains.

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Color

Hex(5474B7)

Conversions

Conversions Part 1

Format	Color
Hex	5474B7
RGB	84, 116, 183
RGB Percent	33%, 45%, 72%
CMY	0.6706, 0.5451, 0.2824
CMYK	0.54, 0.37, 0.00, 0.28
HSL	221°, 41%, 52%
HSV	221°, 54%, 72%
XYZ	18.4488, 17.7945, 47.2621
YIQ	114.0700, -40.5790, 14.0530

Conversions

Conversions Part 2

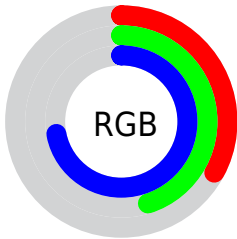
Format	Color
R _Y B	84, 108, 183
Decimal	5534903
CIE Lab	49.25, 8.27, -38.94
CIE LCh	49, 39.806, 281.986
Yxy	17.7945, 0.2209, 0.2131
Android (android.graphics.Color)	4283724983 (0xFF5474B7)
YUV	114.0700, 33.9825, -26.3714
Hunter-Lab	42.1835, 4.2451, -36.8996

Details

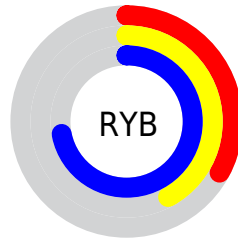
The Hex color **5474B7** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B79754**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **8CA8EF**, and **154482** is the 20% darker color. If you saturate the color by 10%, you get **4268B7**, and if you desaturate by 10%, it is **6680B7**.

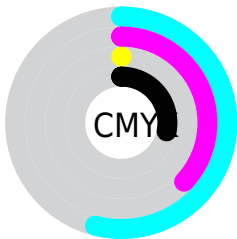
Distribution



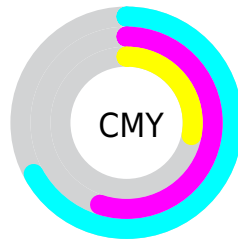
- Red (33%)
- Green (45%)
- Blue (72%)



- Red (33%)
- Yellow (42%)
- Blue (72%)



- Cyan (54%)
- Magenta (37%)
- Yellow (0%)
- Black (28%)



- Cyan (67%)
- Magenta (55%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5474B7 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 5474B7 by changing the saturation by 10% instead.

■ 5474B7

■ 5474B7

FFFFFF

■ 375C9C

■ 8CA8EF

■ 154482

■ A8C3FF

■ 002F68

■ C4DFFF

■ 001B50

■ E1FBFF

■ 000138

■ 000222

■ 000008

■ 000000

■ 5474B7

■ 5474B7

■ 4268B7

■ 6680B7

■ 2F5BB7

■ 798DB7

■ 1D4FB7

■ 8B99B7

■ 0B42B7

■ 9DA6B7

■ 003BB7

■ B0B2B7

■ C2BEB7

■ D4CBB7

■ E6D7B7

■ F9E3B7

Harmonies

Analogous

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



007EB5



5474B7



8967A7

Triad

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



5474B7



AE6049



1F855F

Complementary

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



5474B7



B79754

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.



578041



5474B7



9A6C34

Square

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



5474B7



B45869



7C7830



008682

Rectangle

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



5474B7



A05F95



7C7830



378354

Sweetspot

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



5474B7



C7D3ED



54B796



616878



F7F7F7



787878

Same Dimension

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



5474B7



5385ED



6454B7



53565C



00329C



00091C

Inverse Universe

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



B75474



ED5385



A7B754



5C5356



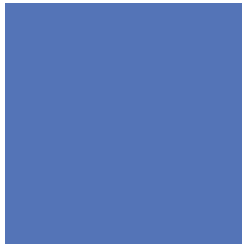
9C0032



1C0009

Previews

White Background



This preview shows how the Hex color 5474B7 looks on a white background.

Color Contrast Check

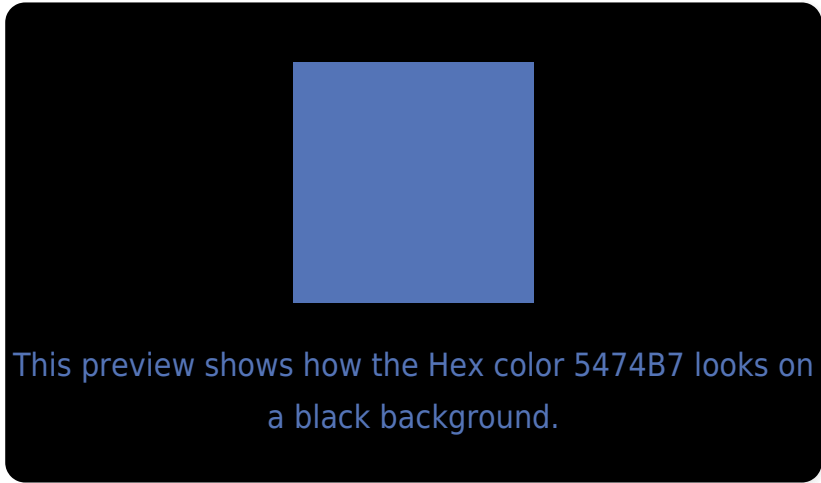
Large Text (above 18pt) WCAG AA ✓ Pass

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

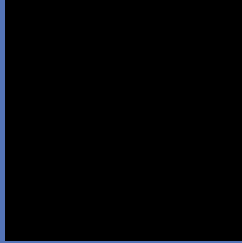
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

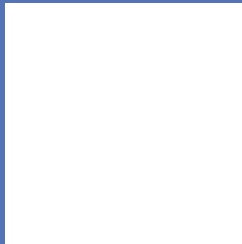
Any Text WCAG AAA × Fail

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

Hex 5474B7 Background



This preview shows how black text looks on a background with the Hex color 5474B7.



This preview shows how white text looks on a background with the Hex color 5474B7.

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
5474B7

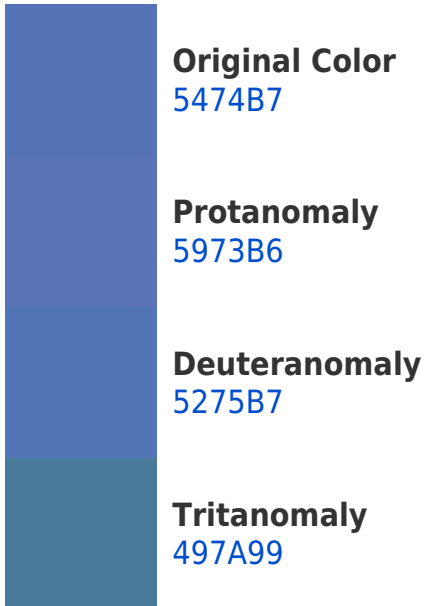
Protanopia
5C72B6

Deuteranopia
5175B7

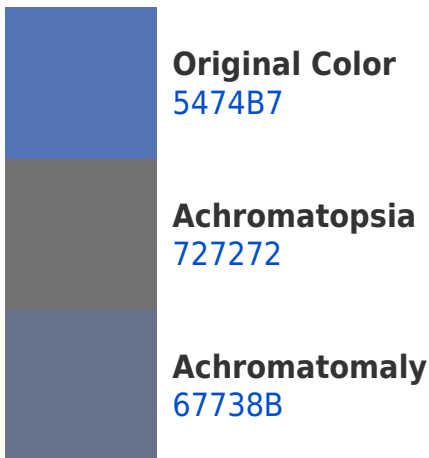


Tritanopia
437E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5474B7 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 #5474B7 looks like.

```
.text, #text, p{  
    color:#5474B7  
}
```

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 #5474B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5474B7
}
```

Border

The CSS property to change the border of an element to Hex 5474B7 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".

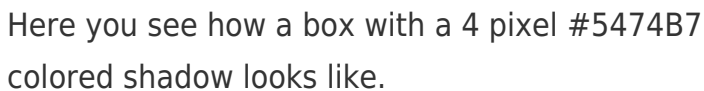
```
.border, #border, table{ border:4px solid
#5474B7 }
```

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

```
.border{ border-color:#5474B7 }
```

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

Here you see how a box with a 4 pixel #5474B7 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 #5474B7; -webkit-box-shadow:4px 4px  
4px 4px #5474B7; box-shadow:4px 4px 4px  
4px #5474B7 }
```

Background

The CSS property to change the background color of an element to Hex 5474B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5474B7 }
```

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

```
.background{ background-color:#5474B7 }
```

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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