

Converting Colors

Hex(5473B0)

Have a look what the booklet for
Hex(5473B0) contains.

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Color

Hex(5473B0)

Conversions

Conversions Part 1

Format	Color
Hex	5473B0
RGB	84, 115, 176
RGB Percent	33%, 45%, 69%
CMY	0.6706, 0.5490, 0.3098
CMYK	0.52, 0.35, 0.00, 0.31
HSL	220°, 37%, 51%
HSV	220°, 52%, 69%
XYZ	17.6234, 17.2809, 43.4810
YIQ	112.6850, -38.0570, 12.3990

Conversions

Conversions Part 2

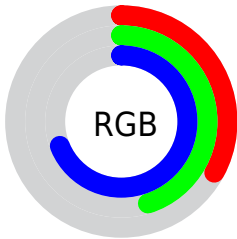
Format	Color
R _Y B	84, 107, 176
Decimal	5534640
CIE Lab	48.61, 6.62, -35.88
CIE LCh	49, 36.484, 280.446
Yxy	17.2809, 0.2248, 0.2205
Android (android.graphics.Color)	4283724720 (0xFF5473B0)
YUV	112.6850, 31.2143, -25.1567
Hunter-Lab	41.5703, 2.9256, -32.9160

Details

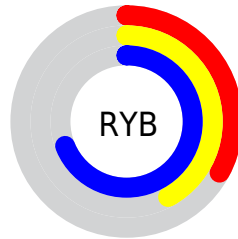
The Hex color **5473B0** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B09154**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **8BA7E8**, and **18437B** is the 20% darker color. If you saturate the color by 10%, you get **4267B0**, and if you desaturate by 10%, it is **667FB0**.

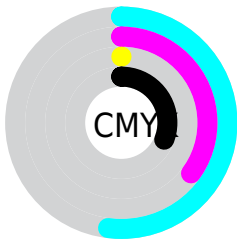
Distribution



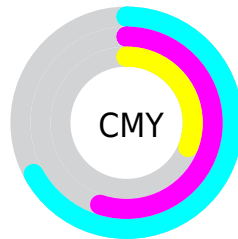
- Red (33%)
- Green (45%)
- Blue (69%)



- Red (33%)
- Yellow (42%)
- Blue (69%)



- Cyan (52%)
- Magenta (35%)
- Yellow (0%)
- Black (31%)



- Cyan (67%)
- Magenta (55%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5473B0 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 5473B0 by changing the saturation by 10% instead.

■ 5473B0

■ 5473B0

FFFFFF

■ 385B95

■ 8BA7E8

■ 18437B

■ A7C2FF

■ 002E62

■ C3DEFF

■ 001A4A

■ E0FAFF

■ 000433

■ FDFFFF

■ 00021D

■ 000000

■ 5473B0

■ 5473B0

■ 4267B0

■ 667FB0

■ 315CB0

■ 778AB0

■ 1F50B0

■ 8996B0

■ 0E44B0

■ 9AA2B0

■ 003BB0

■ ACADB0

■ BEB9B0

■ CFC5B0

■ E1D0B0

■ F2DCB0

Harmonies

Analogous

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



007CAD



5473B0



8467A3

Triad

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



5473B0



A9604D



2D825E

Complementary

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



5473B0



B09154

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.



5A7D43



5473B0



976B39

Square

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



5473B0



AE5A6A



7C7535



00837E

Rectangle

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



5473B0



9A6092



7C7535



3F8154

Sweetspot

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



5473B0



C1CDE6



54B090



5D6473



F2F2F2



737373

Same Dimension

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



5473B0



5586E6



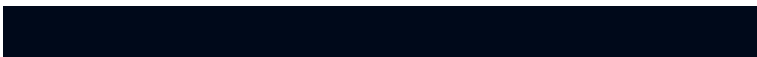
6254B0



505359



003499



00091A

Inverse Universe

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



B05473



E65586



A2B054



595053



990034



1A0009

Previews

White Background



This preview shows how the Hex color 5473B0 looks on a white background.

Color Contrast Check

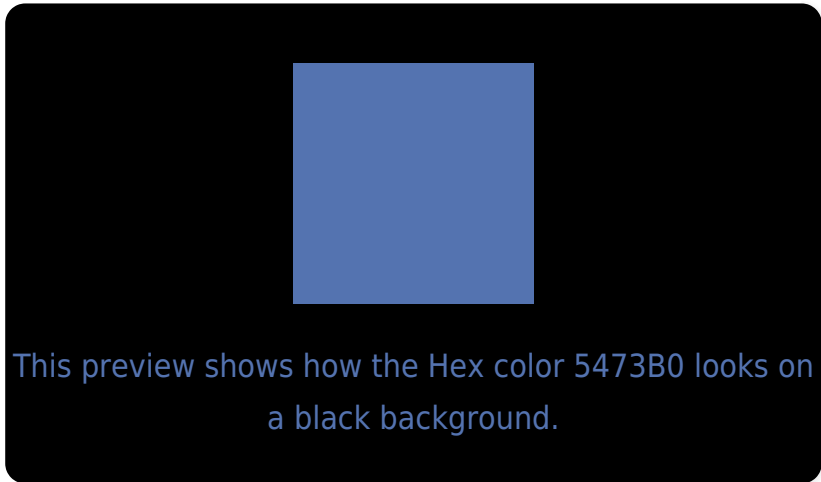
Large Text (above 18pt) WCAG AA ✓ Pass

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

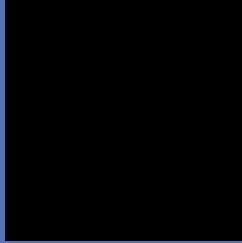
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

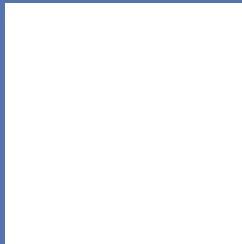
Any Text WCAG AAA × Fail

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

Hex 5473B0 Background



This preview shows how black text looks on a background with the Hex color 5473B0.



This preview shows how white text looks on a background with the Hex color 5473B0.

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
5473B0

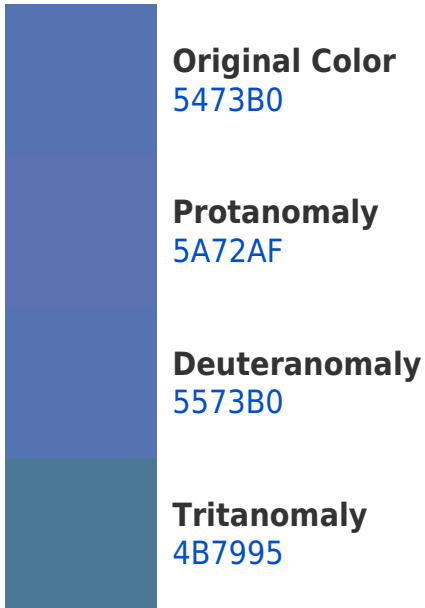
Protanopia
5E71AE

Deuteranopia
5573B0

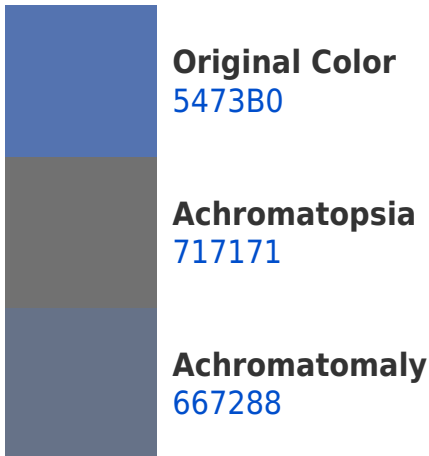


Tritanopia
467C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5473B0 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 #5473B0 looks like.

```
.text, #text, p{  
    color:#5473B0  
}
```

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 #5473B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5473B0
}
```

Border

The CSS property to change the border of an element to Hex 5473B0 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
#5473B0 }
```

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

```
.border{ border-color:#5473B0 }
```

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

Here you see how a box with a 4 pixel #5473B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5473B0; -webkit-box-shadow:4px 4px  
4px 4px #5473B0; box-shadow:4px 4px 4px  
4px #5473B0 }
```

Background

The CSS property to change the background color of an element to Hex 5473B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5473B0 }
```

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

```
.background{ background-color:#5473B0 }
```

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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