

Converting Colors

Hex(5740B1)

Have a look what the booklet for
Hex(5740B1) contains.

Hex(5740B1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5740B1)

Conversions

Conversions Part 1

Format	Color
Hex	5740B1
RGB	87, 64, 177
RGB Percent	34%, 25%, 69%
CMY	0.6588, 0.7490, 0.3059
CMYK	0.51, 0.64, 0.00, 0.31
HSL	252°, 47%, 47%
HSV	252°, 64%, 69%
XYZ	13.6997, 8.8674, 42.5845
YIQ	83.7590, -22.5650, 40.0190

Conversions

Conversions Part 2

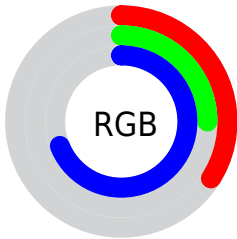
Format	Color
RYB	87, 64, 177
Decimal	5718193
CIELab	35.73, 39.19, -57.07
CIELCh	36, 69.236, 304.477
Yxy	8.8674, 0.2103, 0.1361
Android (android.graphics.Color)	4283908273 (0xFF5740B1)
YUV	83.7590, 45.9678, 2.8424
Hunter-Lab	29.7781, 30.0089, -63.9436

Details

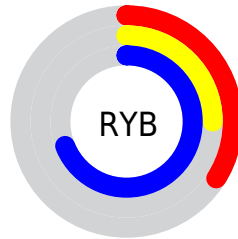
The Hex color **5740B1** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9AB140**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9071EA**, and **16127B** is the 20% darker color. If you saturate the color by 10%, you get **492EB1**, and if you desaturate by 10%, it is **6552B1**.

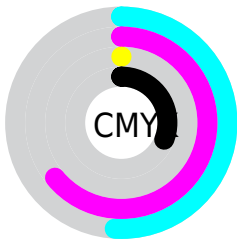
Distribution



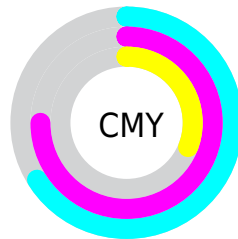
- Red (34%)
- Green (25%)
- Blue (69%)



- Red (34%)
- Yellow (25%)
- Blue (69%)



- Cyan (51%)
- Magenta (64%)
- Yellow (0%)
- Black (31%)



- Cyan (66%)
- Magenta (75%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5740B1 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 5740B1 by changing the saturation by 10% instead.

■ 5740B1

■ 5740B1

FFFFFF

■ 3A2996

■ 9071EA

■ 16127B

■ AC8BFF

■ 000062

■ C9A6FF

■ 000049

■ E7C1FF

■ 000431

■ FFDDFF

■ 00011C

■ FFFAFF

■ 000000

■ 5740B1

■ 5740B1

■ 492EB1

■ 6552B1

■ 3B1DB1

■ 7363B1

■ 2D0BB1

■ 8175B1

■ 2400B1

■ 8F87B1

■ 9D99B1

■ ACAAB1

■ BABCB1

■ C8CEB1

■ D6DFB1

Harmonies

Analogous

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



0059C5



5740B1



9A0E85

Triad

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



5740B1



8C3D00



006A5B

Complementary

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



5740B1



9AB140

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.



00681F



5740B1



605500

Square

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



5740B1



A91018



216100



006A92

Rectangle

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



5740B1



AD0061



216100



006948

Sweetspot

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



5740B1



C3BAE6



409AB1



5E5873



F2F2F2



737373

Same Dimension

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



5740B1



5935E6



8F40B1



525059



1F0099



05001A

Inverse Universe

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



B1409A



E635C2



62B140



595057



99007A



1A0014

Previews

White Background



This preview shows how the Hex color 5740B1 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 5740B1 Background



This preview shows how black text looks on a background with the Hex color 5740B1.

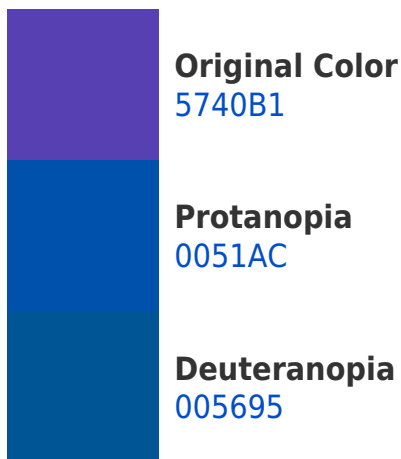


This preview shows how white text looks on a background with the Hex color 5740B1.

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
3E585F

Trichromacy



Original Color
5740B1

Protanomaly
204BAE

Deuteranomaly
204E9F

Tritanomaly
474F7D

Monochromacy



Original Color
5740B1

Achromatopsia
545454

Achromatomaly
554D76

CSS Examples

Text

The CSS property to change the color of the text to Hex 5740B1 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 #5740B1 looks like.

```
.text, #text, p{  
    color:#5740B1  
}
```

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 #5740B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5740B1
}
```

Border

The CSS property to change the border of an element to Hex 5740B1 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".

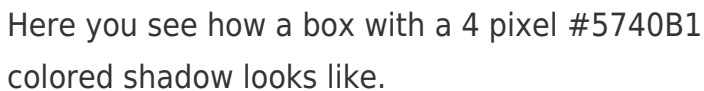
```
.border, #border, table{ border:4px solid
#5740B1 }
```

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

```
.border{ border-color:#5740B1 }
```

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

Here you see how a box with a 4 pixel #5740B1 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5740B1; -webkit-box-shadow:4px 4px  
4px 4px #5740B1; box-shadow:4px 4px 4px  
4px #5740B1 }
```

Background

The CSS property to change the background color of an element to Hex 5740B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5740B1 }
```

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

```
.background{ background-color:#5740B1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor