

Converting Colors

Hex(5173B3)

Have a look what the booklet for
Hex(5173B3) contains.

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Color

Hex(5173B3)

Conversions

Conversions Part 1

Format	Color
Hex	5173B3
RGB	81, 115, 179
RGB Percent	32%, 45%, 70%
CMY	0.6824, 0.5490, 0.2980
CMYK	0.55, 0.36, 0.00, 0.30
HSL	219°, 39%, 51%
HSV	219°, 55%, 70%
XYZ	17.6608, 17.2655, 45.0496
YIQ	112.1300, -40.8080, 12.6960

Conversions

Conversions Part 2

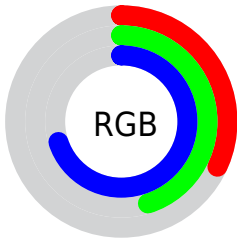
Format	Color
R_{YB}	81, 106, 179
Decimal	5338035
CIE _{Lab}	48.59, 6.90, -37.66
CIE _{LCh}	49, 38.290, 280.381
Yxy	17.2655, 0.2208, 0.2159
Android (android.graphics.Color)	4283528115 (0xFF5173B3)
YUV	112.1300, 32.9669, -27.3010
Hunter-Lab	41.5517, 3.1524, -35.1948

Details

The Hex color **5173B3** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B39151**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **88A7EB**, and **10437E** is the 20% darker color. If you saturate the color by 10%, you get **3F67B3**, and if you desaturate by 10%, it is **637FB3**.

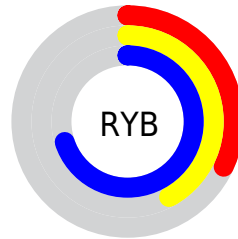
Distribution



Red (32%)

Green (45%)

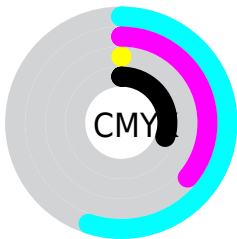
Blue (70%)



Red (32%)

Yellow (42%)

Blue (70%)

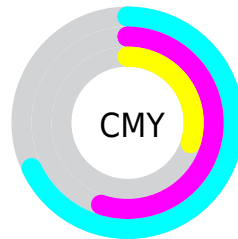


Cyan (55%)

Magenta (36%)

Yellow (0%)

Black (30%)



Cyan (68%)

Magenta (55%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5173B3 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 5173B3 by changing the saturation by 10% instead.

■ 5173B3

FFFFFF

■ 88A7EB

■ A5C2FF

■ C1DEFF

■ DEFAFF

■ FBFFFF

■ 5173B3

■ 5173B3

■ 345B98

■ 10437E

■ 002E64

■ 001A4C

■ 000435

■ 00021F

■ 000002

■ 000000

■ 5173B3

■ 3F67B3

■ 637FB3

■ 2D5CB3

■ 758AB3

■ 1B50B3

■ 8796B3

■ 0944B3

■ 99A2B3

■ 003EB3

■ ABADB3

■ BCB9B3

■ CEC5B3

■ E0D1B3

■ F2DCB3

Harmonies

Analogous

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



007DB0



5173B3



8566A5

Triad

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



5173B3



AB5E4B



27825D

Complementary

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



5173B3



B39151

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.



597D40



5173B3



986A36

Square

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



5173B3



B05869



7C7531



00847E

Rectangle

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



5173B3



9C5F94



7C7531



3B8152

Sweetspot

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



5173B3



C3D0E8



51B391



5F6775



F5F5F5



757575

Same Dimension

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



5173B3



4F84E8



6051B3



505359



003599



00091A

Inverse Universe

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



B35173



E84F84



A4B351



595053



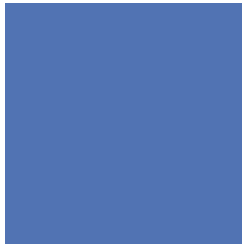
990035



1A0009

Previews

White Background



This preview shows how the Hex color 5173B3 looks on a white background.

Color Contrast Check

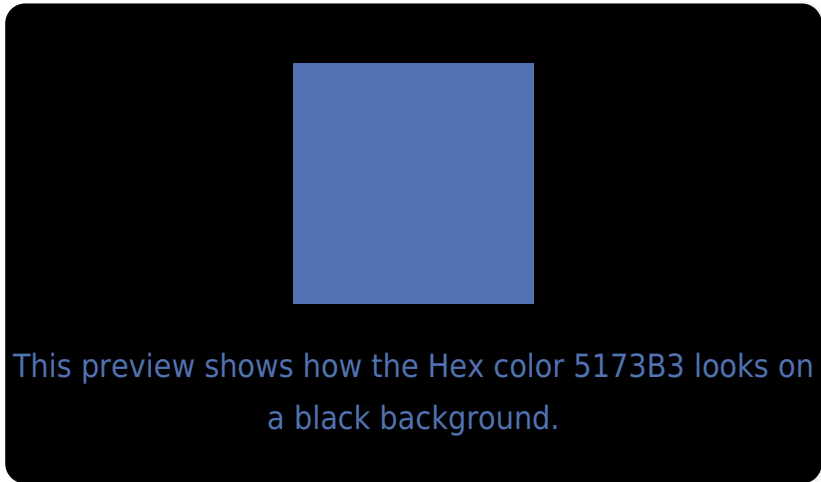
Large Text (above 18pt) WCAG AA ✓ Pass

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

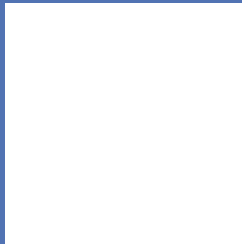
Any Text WCAG AAA × Fail

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

Hex 5173B3 Background



This preview shows how black text looks on a background with the Hex color 5173B3.

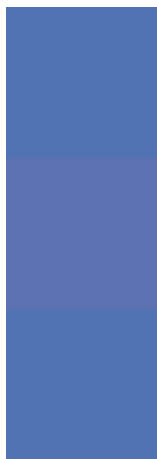


This preview shows how white text looks on a background with the Hex color 5173B3.

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
5173B3

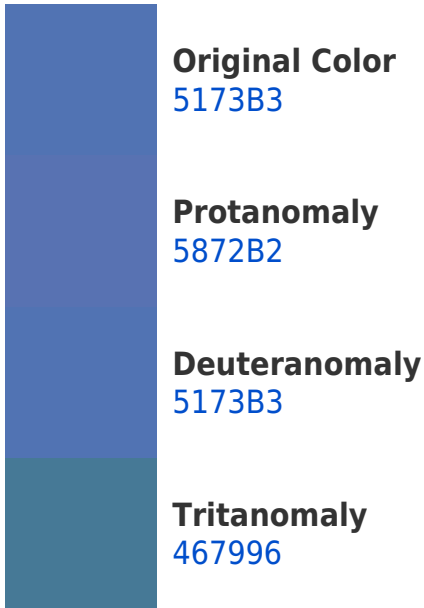
Protanopia
5C71B1

Deuteranopia
5173B3

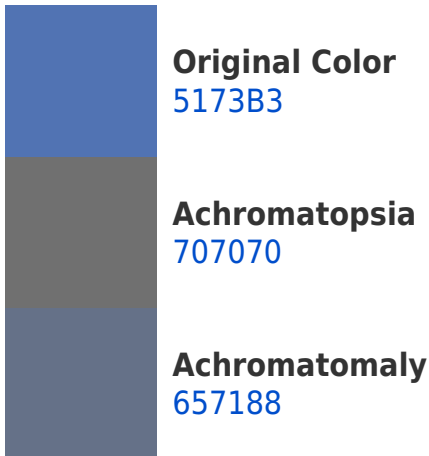


Tritanopia
407C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5173B3 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 #5173B3 looks like.

```
.text, #text, p{  
    color:#5173B3  
}
```

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 #5173B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5173B3
}
```

Border

The CSS property to change the border of an element to Hex 5173B3 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
#5173B3 }
```

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

```
.border{ border-color:#5173B3 }
```

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

Here you see how a box with a 4 pixel #5173B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5173B3; -webkit-box-shadow:4px 4px  
4px 4px #5173B3; box-shadow:4px 4px 4px  
4px #5173B3 }
```

Background

The CSS property to change the background color of an element to Hex 5173B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5173B3 }
```

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

```
.background{ background-color:#5173B3 }
```

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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