

Converting Colors

Hex(5B23B3)

Have a look what the booklet for
Hex(5B23B3) contains.

Hex(5B23B3)	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(5B23B3)

Conversions

Conversions Part 1

Format	Color
Hex	5B23B3
RGB	91, 35, 179
RGB Percent	36%, 14%, 70%
CMY	0.6431, 0.8627, 0.2980
CMYK	0.49, 0.80, 0.00, 0.30
HSL	263°, 67%, 42%
HSV	263°, 80%, 70%
XYZ	13.0521, 6.6809, 43.2494
YIQ	68.1600, -12.8480, 56.6560

Conversions

Conversions Part 2

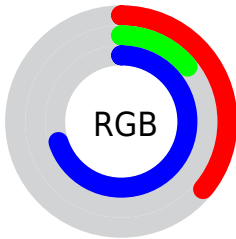
Format	Color
R_{YB}	91, 35, 179
Decimal	5972915
CIE _{Lab}	31.07, 55.07, -65.86
CIE _{LCh}	31, 85.857, 309.902
Yxy	6.6809, 0.2072, 0.1061
Android (android.graphics.Color)	4284162995 (0xFF5B23B3)
YUV	68.1600, 54.6441, 20.0307
Hunter-Lab	25.8474, 44.9037, -81.1144

Details

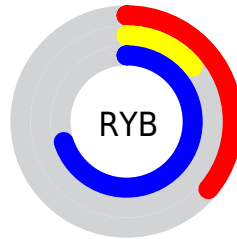
The Hex color **5B23B3** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **7BB323**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **9557EC**, and **17007D** is the 20% darker color. If you saturate the color by 10%, you get **5011B3**, and if you desaturate by 10%, it is **6635B3**.

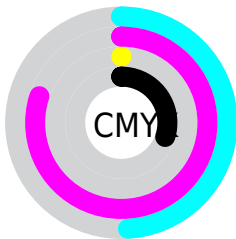
Distribution



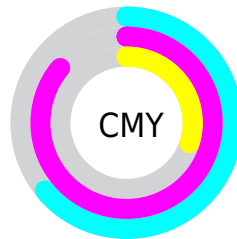
- Red (36%)
- Green (14%)
- Blue (70%)



- Red (36%)
- Yellow (14%)
- Blue (70%)



- Cyan (49%)
- Magenta (80%)
- Yellow (0%)
- Black (30%)



- Cyan (64%)
- Magenta (86%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B23B3 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 5B23B3 by changing the saturation by 10% instead.

5B23B3

5B23B3

FFFFFF

3C0298

9557EC

17007D

B271FF

000063

D08CFF

00004A

EEA7FF

000432

FFC3FF

00021C

FFE0FF

000000

FFFDFF

5B23B3

5B23B3

■ 5011B3

■ 6635B3

■ 4600B3

■ 7147B3

■ 7C59B3

■ 876BB3

■ 927CB3

■ 9D8EB3

■ A8A0B3

■ B3B2B3

■ BDC4B3

Harmonies

Analogous

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



004DD2



5B23B3



A30079

Triad

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



5B23B3



7D3300



00605F

Complementary

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



5B23B3



7BB323

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.



005E14



5B23B3



464E00

Square

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



5B23B3



A50000



005A00



0061A0

Rectangle

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



5B23B3



B4004D



005A00



006047

Sweetspot

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



5B23B3



C6B0E8



237CB3



615375



F5F5F5



757575

Same Dimension

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



5B23B3



5E07E8



A223B3



545059



3C0099



0A001A

Inverse Universe

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



B3237B



E80791



34B323



595056



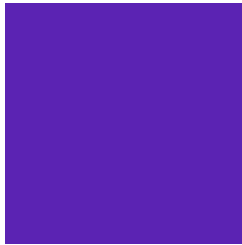
99005D



1A0010

Previews

White Background



This preview shows how the Hex color 5B23B3 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

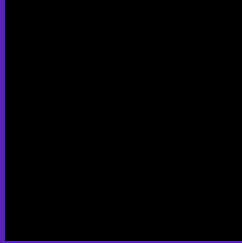
Any Text WCAG AA × Fail

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 5B23B3 Background



This preview shows how black text looks on a background with the Hex color 5B23B3.

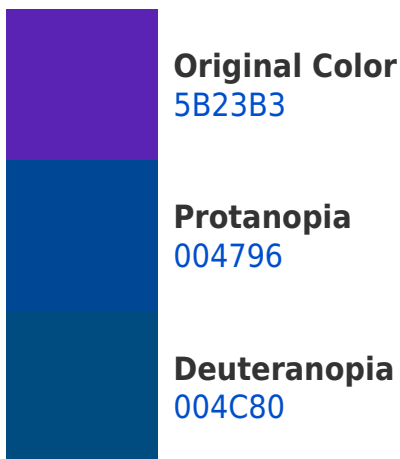


This preview shows how white text looks on a background with the Hex color 5B23B3.

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
404B51

Trichromacy



Original Color
5B23B3



Protanomaly
213AA1



Deuteranomaly
213D93



Tritanomaly
4A3C75

Monochromacy



Original Color
5B23B3



Achromatopsia
444444



Achromatomaly
4C386C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B23B3 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 #5B23B3 looks like.

```
.text, #text, p{  
    color:#5B23B3  
}
```

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 #5B23B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B23B3
}
```

Border

The CSS property to change the border of an element to Hex 5B23B3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

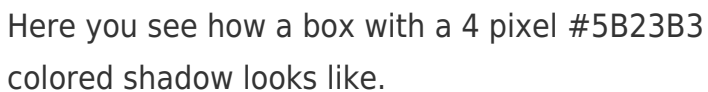
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B23B3 }
```

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

```
.border{ border-color:#5B23B3 }
```

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



Here you see how a box with a 4 pixel #5B23B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B23B3; -webkit-box-shadow:4px 4px  
4px 4px #5B23B3; box-shadow:4px 4px 4px  
4px #5B23B3 }
```

Background

The CSS property to change the background color of an element to Hex 5B23B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B23B3 }
```

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

```
.background{ background-color:#5B23B3 }
```

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