

Converting Colors

Hex(5C1BB1)

Have a look what the booklet for
Hex(5C1BB1) contains.

Hex(5C1BB1)	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(5C1BB1)

Conversions

Conversions Part 1

Format	Color
Hex	5C1BB1
RGB	92, 27, 177
RGB Percent	36%, 11%, 69%
CMY	0.6392, 0.8941, 0.3059
CMYK	0.48, 0.85, 0.00, 0.31
HSL	266°, 74%, 40%
HSV	266°, 85%, 69%
XYZ	12.7414, 6.2335, 42.1266
YIQ	63.5350, -9.4100, 60.4300

Conversions

Conversions Part 2

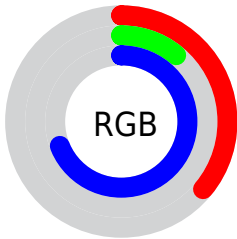
Format	Color
R_{YB}	92, 27, 177
Decimal	6036401
CIE _{Lab}	29.99, 57.65, -66.43
CIE _{LCh}	30, 87.957, 310.948
Yxy	6.2335, 0.2085, 0.1020
Android (android.graphics.Color)	4284226481 (0xFF5C1BB1)
YUV	63.5350, 55.9382, 24.9638
Hunter-Lab	24.9670, 47.4015, -82.5627

Details

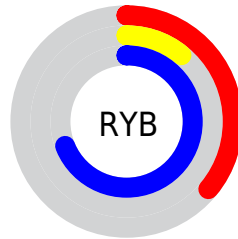
The Hex color **5C1BB1** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **70B11B**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **9652EA**, and **19007B** is the 20% darker color. If you saturate the color by 10%, you get **5209B1**, and if you desaturate by 10%, it is **662DB1**.

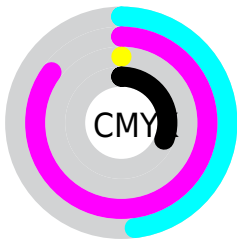
Distribution



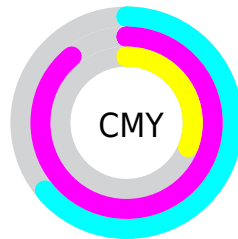
- Red (36%)
- Green (11%)
- Blue (69%)



- Red (36%)
- Yellow (11%)
- Blue (69%)



- Cyan (48%)
- Magenta (85%)
- Yellow (0%)
- Black (31%)



- Cyan (64%)
- Magenta (89%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C1BB1 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 5C1BB1 by changing the saturation by 10% instead.

5C1BB1

5C1BB1

FFFFFF

3E0096

9652EA

19007B

B46CFF

000061

D187FF

000048

EFA2FF

000431

FFBEFF

00011B

FFDBFF

000000

FFF8FF

5C1BB1

5C1BB1

■ 5209B1

■ 662DB1

■ 4D00B1

■ 703EB1

■ 7A50B1

■ 8462B1

■ 8E73B1

■ 9885B1

■ A297B1

■ ACA9B1

■ B6BAB1

Harmonies

Analogous

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



004BD2



5C1BB1



A30075

Triad

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



5C1BB1



793100



005E5F

Complementary

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



5C1BB1



70B11B

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.



005C13



5C1BB1



404C00

Square

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



5C1BB1



A20000



005800



005FA1

Rectangle

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



5C1BB1



B30048



005800



005D47

Sweetspot

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



5C1BB1



C5ACE6



1B70B1



5F5073



F2F2F2



737373

Same Dimension

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



5C1BB1



6300E6



A71BB1



545059



420099



0B001A

Inverse Universe

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



B11B70



E60082



25B11B



595055



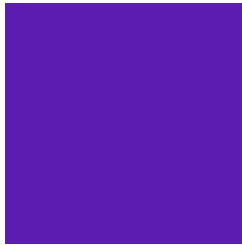
990057



1A000E

Previews

White Background



This preview shows how the Hex color 5C1BB1 looks on a white background.

Color Contrast Check

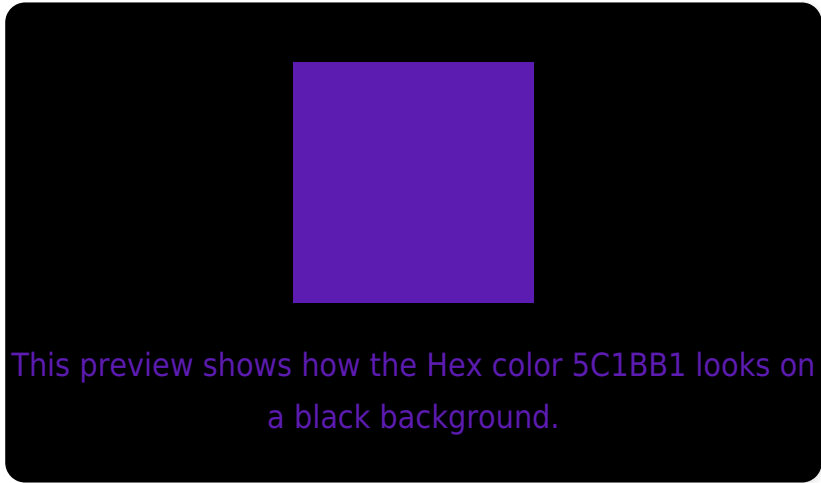
Large Text (above 18pt) WCAG AA ✓ Pass

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

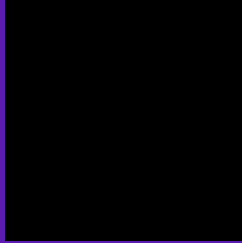
Any Text WCAG AA × Fail

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 5C1BB1 Background



This preview shows how black text looks on a background with the Hex color 5C1BB1.

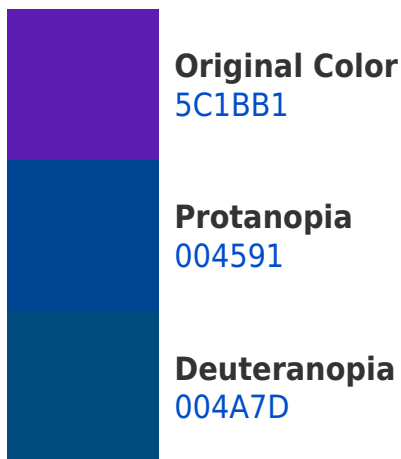



This preview shows how white text looks on a background with the Hex color 5C1BB1.

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
42484E

Trichromacy



Original Color
5C1BB1

Protanomaly
21369D

Deuteranomaly
213990

Tritanomaly
4B3872

Monochromacy



Original Color
5C1BB1

Achromatopsia
404040

Achromatomaly
4A3369

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C1BB1 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 #5C1BB1 looks like.

```
.text, #text, p{  
    color:#5C1BB1  
}
```

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 #5C1BB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C1BB1
}
```

Border

The CSS property to change the border of an element to Hex 5C1BB1 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
#5C1BB1 }
```

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

```
.border{ border-color:#5C1BB1 }
```

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

Here you see how a box with a 4 pixel #5C1BB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C1BB1; -webkit-box-shadow:4px 4px  
4px 4px #5C1BB1; box-shadow:4px 4px 4px  
4px #5C1BB1 }
```

Background

The CSS property to change the background color of an element to Hex 5C1BB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C1BB1 }
```

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

```
.background{ background-color:#5C1BB1 }
```

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