

Converting Colors

Hex(5C53BB)

Have a look what the booklet for
Hex(5C53BB) contains.

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Color

Hex(5C53BB)

Conversions

Conversions Part 1

Format	Color
Hex	5C53BB
RGB	92, 83, 187
RGB Percent	36%, 33%, 73%
CMY	0.6392, 0.6745, 0.2667
CMYK	0.51, 0.56, 0.00, 0.27
HSL	245°, 43%, 53%
HSV	245°, 56%, 73%
XYZ	16.4765, 12.0497, 48.4711
YIQ	97.5470, -28.0200, 34.2520

Conversions

Conversions Part 2

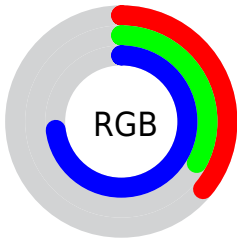
Format	Color
R_{YB}	92, 83, 187
Decimal	6050747
CIE _{Lab}	41.29, 31.83, -53.93
CIE _{LCh}	41, 62.620, 300.551
Yxy	12.0497, 0.2140, 0.1565
Android (android.graphics.Color)	4284240827 (0xFF5C53BB)
YUV	97.5470, 44.1003, -4.8647
Hunter-Lab	34.7126, 23.9788, -58.4909

Details

The Hex color **5C53BB** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B2BB53**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **9485F4**, and **1E2685** is the 20% darker color. If you saturate the color by 10%, you get **4B40BB**, and if you desaturate by 10%, it is **6D66BB**.

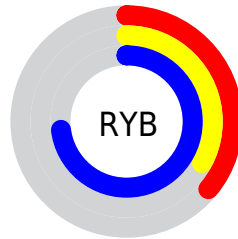
Distribution



Red (36%)

Green (33%)

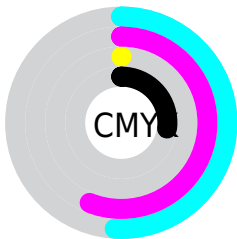
Blue (73%)



Red (36%)

Yellow (33%)

Blue (73%)

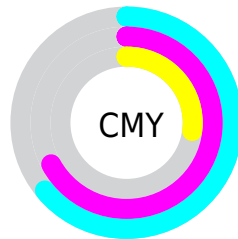


Cyan (51%)

Magenta (56%)

Yellow (0%)

Black (27%)



Cyan (64%)

Magenta (67%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C53BB 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 5C53BB by changing the saturation by 10% instead.

■ 5C53BB

■ 5C53BB

FFFFFF

■ 3F3CA0

■ 9485F4

■ 1E2685

■ B19FFF

■ 00116B

■ CEBAFF

■ 000052

■ EBD6FF

■ 00053A

■ FFF2FF

■ 000223

■ 00000B

■ 000000

■ 5C53BB

■ 5C53BB

■ 4B40BB

■ 6D66BB

■ 3A2EBB

■ 7E78BB

■ 291BBB

■ 8F8BBB

■ 1808BB

■ A09EBB

■ 1000BB

■ B1B1BB

■ C2C3BB

■ D4D6BB

■ E5E9BB

■ F6FB BB

Harmonies

Analogous

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



0068C9



5C53BB



9E3695

Triad

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



5C53BB



9D4A00



007761

Complementary

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



5C53BB



B2BB53

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.



00742B



5C53BB



766000

Square

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



5C53BB



B62E31



426D00



007795

Rectangle

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



5C53BB



B32374



426D00



00774F

Sweetspot

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



5C53BB



CDC9F2



53B2BB



64627A



FAFAFA



7A7A7A

Same Dimension

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



5C53BB



5E50F2



9053BB



56555E



0E009E



03001F

Inverse Universe

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



BB53B2



F250E4



7EBB53



5E555E



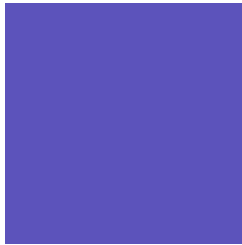
9E0090



1F001C

Previews

White Background



This preview shows how the Hex color 5C53BB looks on a white background.

Color Contrast Check

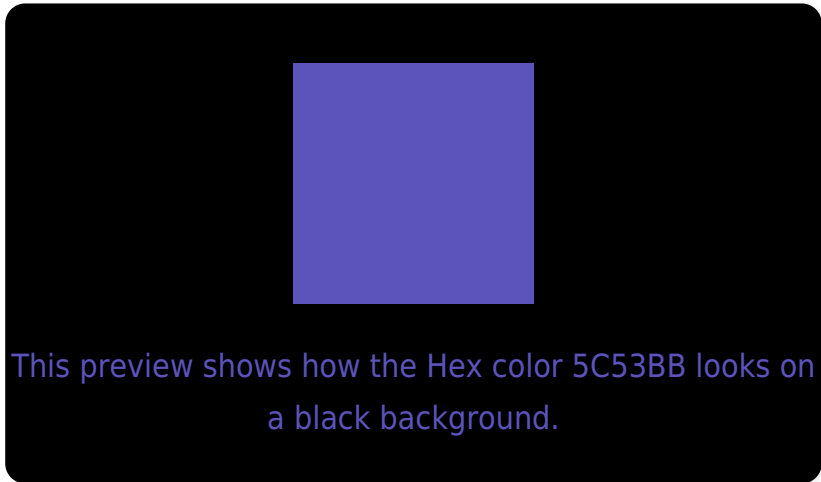
Large Text (above 18pt) WCAG AA ✓ Pass

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

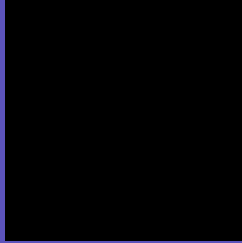
Any Text WCAG AA × Fail

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 5C53BB Background



This preview shows how black text looks on a background with the Hex color 5C53BB.

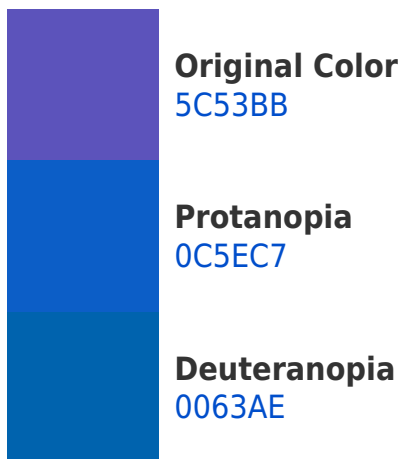



This preview shows how white text looks on a background with the Hex color 5C53BB.

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](#).

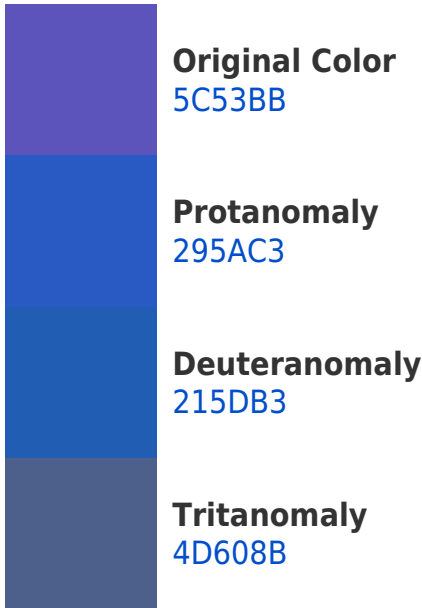
Dichromacy





Tritanopia
44676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5C53BB 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 #5C53BB looks like.

```
.text, #text, p{  
    color:#5C53BB  
}
```

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 #5C53BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C53BB
}
```

Border

The CSS property to change the border of an element to Hex 5C53BB 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".

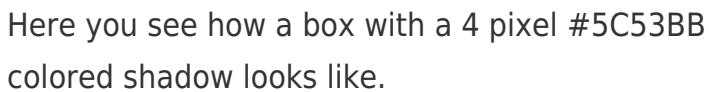
```
.border, #border, table{ border:4px solid
#5C53BB }
```

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

```
.border{ border-color:#5C53BB }
```

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

Here you see how a box with a 4 pixel #5C53BB colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C53BB; -webkit-box-shadow:4px 4px  
4px 4px #5C53BB; box-shadow:4px 4px 4px  
4px #5C53BB }
```

Background

The CSS property to change the background color of an element to Hex 5C53BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C53BB }
```

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

```
.background{ background-color:#5C53BB }
```

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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