

Converting Colors

Hex(5B3C95)

Have a look what the booklet for
Hex(5B3C95) contains.

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Color

Hex(5B3C95)

Conversions

Conversions Part 1

Format	Color
Hex	5B3C95
RGB	91, 60, 149
RGB Percent	36%, 24%, 58%
CMY	0.6431, 0.7647, 0.4157
CMYK	0.39, 0.60, 0.00, 0.42
HSL	261°, 43%, 41%
HSV	261°, 60%, 58%
XYZ	11.3551, 7.6258, 29.3072
YIQ	79.4150, -10.0930, 34.2510

Conversions

Conversions Part 2

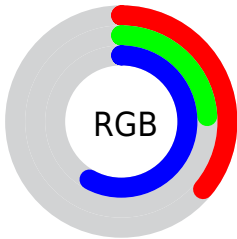
Format	Color
R_{YB}	91, 60, 149
Decimal	5979285
CIE _{Lab}	33.19, 34.23, -44.32
CIE _{LCh}	33, 55.997, 307.677
Yxy	7.6258, 0.2352, 0.1579
Android (android.graphics.Color)	4284169365 (0xFF5B3C95)
YUV	79.4150, 34.3054, 10.1600
Hunter-Lab	27.6148, 25.0722, -43.5932

Details

The Hex color **5B3C95** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **76953C**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **916DCC**, and **260E61** is the 20% darker color. If you saturate the color by 10%, you get **512D95**, and if you desaturate by 10%, it is **654B95**.

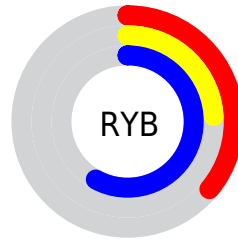
Distribution



Red (36%)

Green (24%)

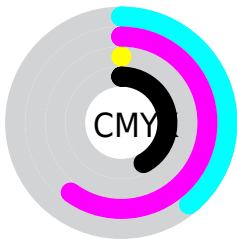
Blue (58%)



Red (36%)

Yellow (24%)

Blue (58%)

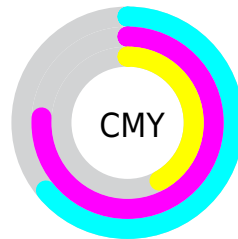


Cyan (39%)

Magenta (60%)

Yellow (0%)

Black (42%)



Cyan (64%)

Magenta (76%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B3C95 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 5B3C95 by changing the saturation by 10% instead.



5B3C95



5B3C95

FFFFFF



41257B



916DCC



260E61



AC86E8



080049



C9A1FF



000032



E6BCFF



00011C



FFD8FF



000000



FFF5FF



5B3C95



5B3C95



512D95



654B95

■ 481E95

■ 6E5A95

■ 3E0F95

■ 786995

■ 340095

■ 827895

■ 8C8795

■ 959595

■ 9FA495

■ A9B395

■ B2C295

Harmonies

Analogous

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



0050A7



5B3C95



8A2071

Triad

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



5B3C95



7A3F00



006159

Complementary

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



5B3C95



76953C

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.



005F2A



5B3C95



565000

Square

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



5B3C95



92261A



235A00



006084

Rectangle

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



5B3C95



981054



235A00



006049

Sweetspot

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



5B3C95



AB9FC2



3C7795



534C61



E0E0E0



616161

Same Dimension

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



5B3C95



6736C2



863C95



45434A



30008A



04000A

Inverse Universe

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



953C76



C23691



4B953C



4A4347



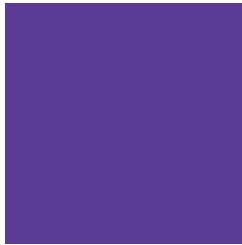
8A005A



0A0007

Previews

White Background



This preview shows how the Hex color 5B3C95 looks on a white background.

Color Contrast Check

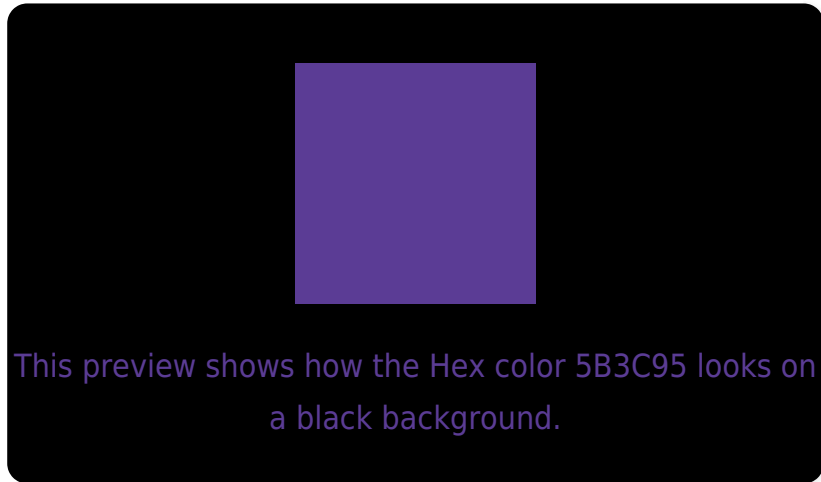
Large Text (above 18pt) WCAG AA ✓ Pass

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

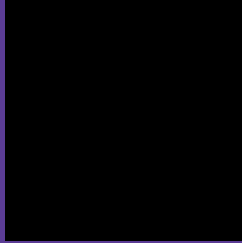
Any Text WCAG AA × Fail

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 5B3C95 Background



This preview shows how black text looks on a background with the Hex color 5B3C95.

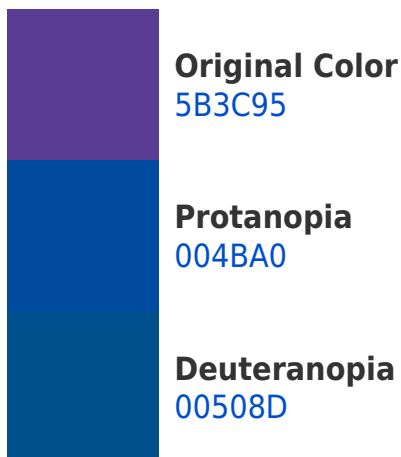


This preview shows how white text looks on a background with the Hex color 5B3C95.

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](#).

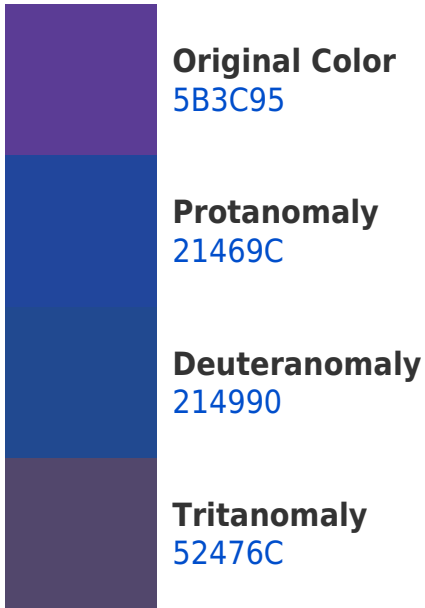
Dichromacy



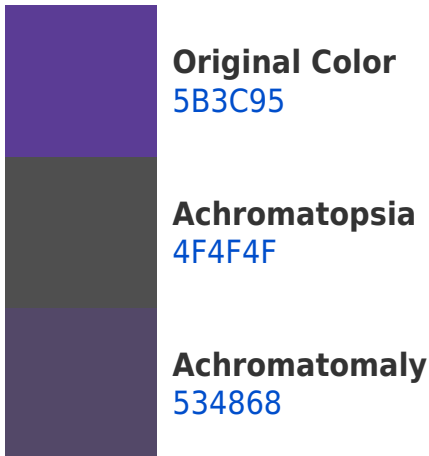


Tritanopia
4D4E54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B3C95 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 #5B3C95 looks like.

```
.text, #text, p{  
    color:#5B3C95  
}
```

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 #5B3C95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B3C95
}
```

Border

The CSS property to change the border of an element to Hex 5B3C95 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
#5B3C95 }
```

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

```
.border{ border-color:#5B3C95 }
```

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

Here you see how a box with a 4 pixel #5B3C95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B3C95; -webkit-box-shadow:4px 4px  
4px 4px #5B3C95; box-shadow:4px 4px 4px  
4px #5B3C95 }
```

Background

The CSS property to change the background color of an element to Hex 5B3C95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B3C95 }
```

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

```
.background{ background-color:#5B3C95 }
```

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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