

Converting Colors

Hex(B53196)

Have a look what the booklet for
Hex(B53196) contains.

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Color

Hex(B53196)

Conversions

Conversions Part 1

Format	Color
Hex	B53196
RGB	181, 49, 150
RGB Percent	71%, 19%, 59%
CMY	0.2902, 0.8078, 0.4118
CMYK	0.00, 0.73, 0.17, 0.29
HSL	314°, 57%, 45%
HSV	314°, 73%, 71%
XYZ	25.6594, 14.2224, 30.2470
YIQ	99.9820, 46.2510, 59.3950

Conversions

Conversions Part 2

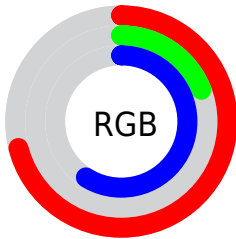
Format	Color
R_{YB}	181, 49, 150
Decimal	11874710
CIE _{Lab}	44.55, 62.16, -26.10
CIE _{LCh}	45, 67.417, 337.222
Yxy	14.2224, 0.3659, 0.2028
Android (android.graphics.Color)	4290064790 (0xFFB53196)
YUV	99.9820, 24.6589, 71.0528
Hunter-Lab	37.7126, 55.4532, -21.1541

Details

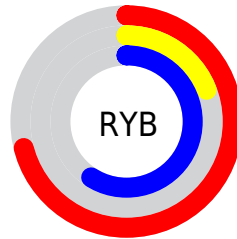
The Hex color **B53196** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **31B550**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **F06BCC**, and **7C0063** is the 20% darker color. If you saturate the color by 10%, you get **B51F92**, and if you desaturate by 10%, it is **B5439A**.

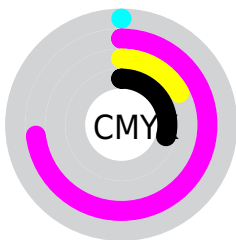
Distribution



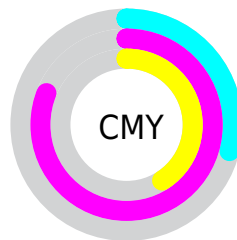
- Red (71%)
- Green (19%)
- Blue (59%)



- Red (71%)
- Yellow (19%)
- Blue (59%)



- Cyan (0%)
- Magenta (73%)
- Yellow (17%)
- Black (29%)



- Cyan (29%)
- Magenta (81%)
- Yellow (41%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B53196 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 B53196 by changing the saturation by 10% instead.

 B53196

 B53196

FFFFFF

 98057C

 F06BCC

 7C0063

 FF87E9

 60004B

 FFA4FF

 460034

 FFC0FF

 2C001E

 FFDEFF

 000000

 FFFBFF

 B53196

 B53196

 B51F92

 B5439A

 B50D8D

 B5559F

 B5008A

 B567A3

 B579A7

 B58CAB

 B59EB0

 B5B0B4

 B5C2B8

 B5D4BC

Harmonies

Analogous

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



7953C4



B53196



CA1D5E

Triad

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



B53196



746B00



0081AC

Complementary

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



B53196



31B550

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.



008176



B53196



357800

Square

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



B53196



A25600



007F3B



007BD2

Rectangle

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



B53196



C72C3A



007F3B



00819C

Sweetspot

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



B53196



EBB7DE



5031B5



75576E



F5F5F5



757575

Same Dimension

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



B53196



EB1CBA



B53154



595057



990075



1A0014

Inverse Universe

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



B53196



EB1CBA



31B592



595057



990075



1A0014

Previews

White Background



This preview shows how the Hex color B53196 looks on a white background.

Color Contrast Check

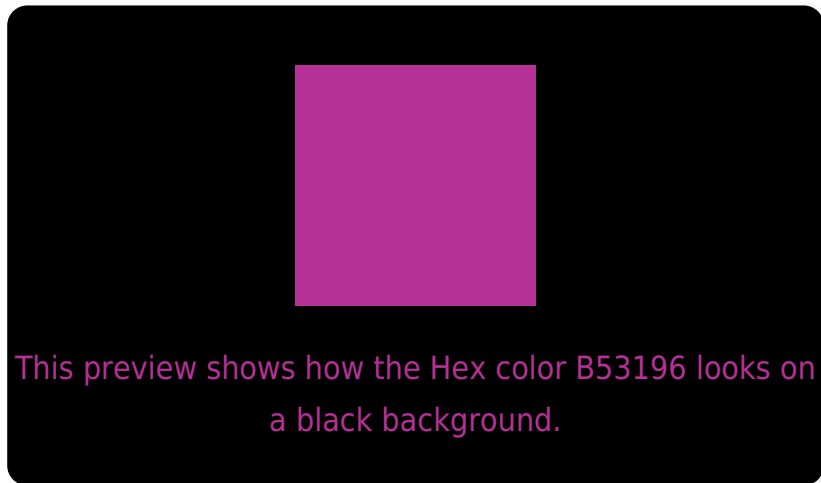
Large Text (above 18pt) WCAG AA ✓ Pass

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 B53196 Background



This preview shows how black text looks on a background with the Hex color B53196.




This preview shows how white text looks on a background with the Hex color B53196.

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
AE484D

Trichromacy



Original Color
B53196



Protanomaly
6853B3



Deuteranomaly
805591



Tritanomaly
B14068

Monochromacy



Original Color
B53196



Achromatopsia
646464



Achromatomaly
815176

CSS Examples

Text

The CSS property to change the color of the text to Hex B53196 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 #B53196 looks like.

```
.text, #text, p{  
    color:#B53196  
}
```

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 #B53196 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B53196
}
```

Border

The CSS property to change the border of an element to Hex B53196 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
#B53196 }
```

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

```
.border{ border-color:#B53196 }
```

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

Here you see how a box with a 4 pixel #B53196 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B53196; -webkit-box-shadow:4px 4px  
4px 4px #B53196; box-shadow:4px 4px 4px  
4px #B53196 }
```

Background

The CSS property to change the background color of an element to Hex B53196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B53196 }
```

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

```
.background{ background-color:#B53196 }
```

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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