

Converting Colors

Hex(B52183)

Have a look what the booklet for
Hex(B52183) contains.

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Color

Hex(B52183)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---|
| Hex | B52183 |
| RGB | 181, 33, 131 |
| RGB Percent | 71%, 13%, 51% |
| CMY | 0.2902, 0.8706, 0.4863 |
| CMYK | 0.00, 0.82, 0.28, 0.29 |
| HSL | 320°, 69%, 42% |
| HSV | 320°, 82%, 71% |
| XYZ | 23.6966, 12.5502, 22.6462 |
| YIQ | 88.4240, 56.7500, 61.8540 |

Conversions

Conversions Part 2

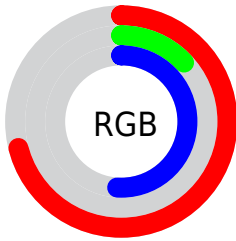
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 181, 33, 131 |
| Decimal | 11870595 |
| CIE _{Lab} | 42.08, 64.36, -18.36 |
| CIE _{LCh} | 42, 66.927, 344.075 |
| Yxy | 12.5502, 0.4024, 0.2131 |
| Android (android.graphics.Color) | 4290060675 (0xFFB52183) |
| YUV | 88.4240, 20.9900, 81.1892 |
| Hunter-Lab | 35.4262, 57.4031, -13.1028 |

Details

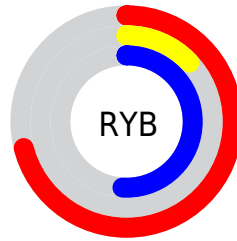
The Hex color **B52183** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **21B553**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **F160B8**, and **7B0051** is the 20% darker color. If you saturate the color by 10%, you get **B50F7D**, and if you desaturate by 10%, it is **B53389**.

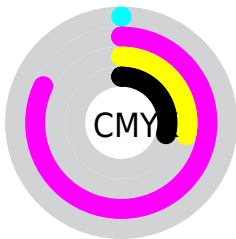
Distribution



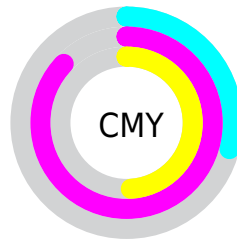
- Red (71%)
- Green (13%)
- Blue (51%)



- Red (71%)
- Yellow (13%)
- Blue (51%)



- Cyan (0%)
- Magenta (82%)
- Yellow (28%)
- Black (29%)



- Cyan (29%)
- Magenta (87%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color B52183 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 B52183 by changing the saturation by 10% instead.

 B52183

 B52183

FFFFFF

 98006A

 F160B8

 7B0051

 FF7DD4

 5F003A

 FF99F0

 450025

 FFB6FF

 29000D

 FFD3FF

 000000

 FFF1FF

 B52183

 B52183

 B50F7D

 B53389

 B50078

 B5458F

 B55795

 B5699B

 B57CA2

 B58EA8

 B5A0AE

 B5B2B4

 B5C4BA

Harmonies

Analogous

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



8446B4



B52183



C2164C

Triad

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



B52183



616900



0079B0

Complementary

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



B52183



21B553

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.



007B7D



B52183



127400

Square

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



B52183



915600



007943



0072CE

Rectangle

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



B52183



BB2D29



007943



007AA0

Sweetspot

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



B52183



EBB0D7



5221B5



755269



F5F5F5



757575

Same Dimension

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



B52183



EB059D



B5213A



595056



990065



1A0011

Inverse Universe

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



B52183



EB059D



21B59C



595056



990065



1A0011

Previews

White Background



This preview shows how the Hex color B52183 looks on a white background.

Color Contrast Check

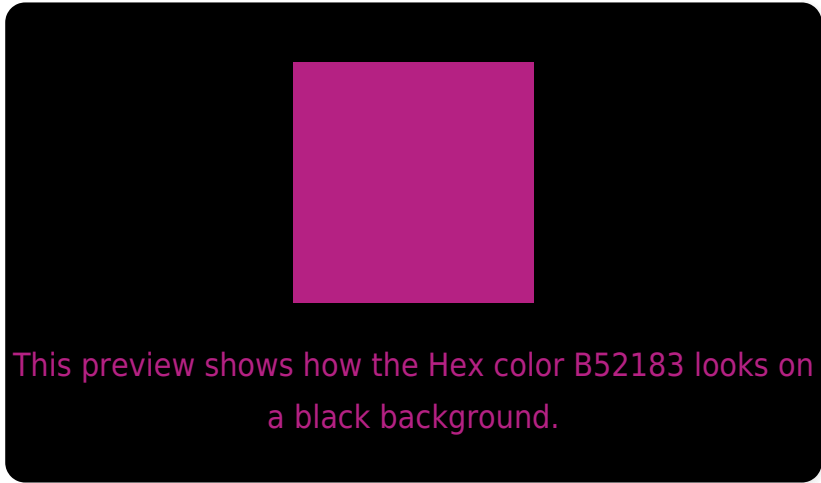
Large Text (above 18pt) WCAG AA ✓ Pass

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

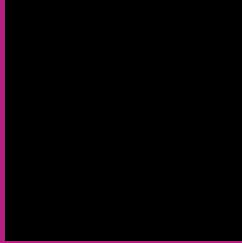
Any Text WCAG AA × Fail

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 B52183 Background



This preview shows how black text looks on a background with the Hex color B52183.

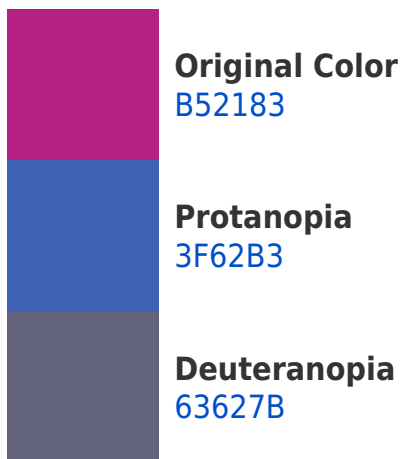


This preview shows how white text looks on a background with the Hex color B52183.

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
B03B3E

Trichromacy



Original Color
B52183



Protanomaly
6A4AA2



Deuteranomaly
814A7E



Tritanomaly
B23257

Monochromacy



Original Color
B52183



Achromatopsia
585858



Achromatomaly
7A4468

CSS Examples

Text

The CSS property to change the color of the text to Hex B52183 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 #B52183 looks like.

```
.text, #text, p{  
    color:#B52183  
}
```

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 #B52183 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B52183
}
```

Border

The CSS property to change the border of an element to Hex B52183 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".

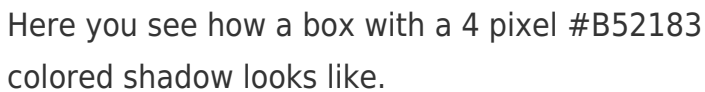
```
.border, #border, table{ border:4px solid
#B52183 }
```

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

```
.border{ border-color:#B52183 }
```

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

Here you see how a box with a 4 pixel #B52183 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B52183; -webkit-box-shadow:4px 4px  
4px 4px #B52183; box-shadow:4px 4px 4px  
4px #B52183 }
```

Background

The CSS property to change the background color of an element to Hex B52183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B52183 }
```

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

```
.background{ background-color:#B52183 }
```

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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