

Converting Colors

Hex(B0183B)

Have a look what the booklet for
Hex(B0183B) contains.

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Color

Hex(B0183B)

Conversions

Conversions Part 1

Format	Color
Hex	B0183B
RGB	176, 24, 59
RGB Percent	69%, 9%, 23%
CMY	0.3098, 0.9059, 0.7686
CMYK	0.00, 0.86, 0.66, 0.31
HSL	346°, 76%, 39%
HSV	346°, 86%, 69%
XYZ	19.0205, 10.1991, 5.1038
YIQ	73.4380, 79.3570, 43.1090

Conversions

Conversions Part 2

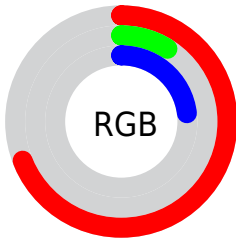
Format	Color
R _Y B	176, 24, 59
Decimal	11540539
CIE Lab	38.20, 58.85, 21.33
CIE LCh	38, 62.596, 19.925
Yxy	10.1991, 0.5542, 0.2971
Android (android.graphics.Color)	4289730619 (0xFFB0183B)
YUV	73.4380, -7.1179, 89.9469
Hunter-Lab	31.9361, 50.4231, 12.8799

Details

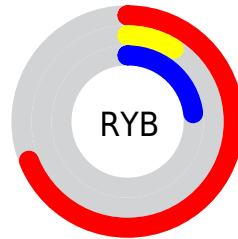
The Hex color **B0183B** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **18B08D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **EE586A**, and **740012** is the 20% darker color. If you saturate the color by 10%, you get **B0062D**, and if you desaturate by 10%, it is **B02A49**.

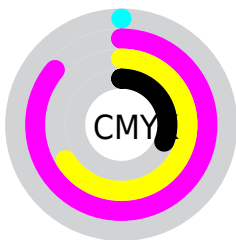
Distribution



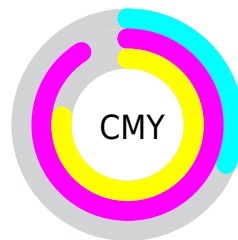
- Red (69%)
- Green (9%)
- Blue (23%)



- Red (69%)
- Yellow (9%)
- Blue (23%)



- Cyan (0%)
- Magenta (86%)
- Yellow (66%)
- Black (31%)



- Cyan (31%)
- Magenta (91%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0183B 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 B0183B by changing the saturation by 10% instead.

 B0183B

 B0183B

FFFFFF

 920026

 EE586A

 740012

 FF7483

 560000

 FF909D

 3A0002

 FFADB8

 130000

 FFC9D3

 000000

 FFE7F0

 B0183B

 B0183B

 B0062D

 B02A49

 B00029


 B03B56

 B04D64

 B05E71

 B0707F

 B0828C

 B0939A

 B0A5A7

 B0B6B5

Harmonies

Analogous

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



AA166D



B0183B



9E3905

Triad

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



B0183B



006A0B



0065BF

Complementary

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



B0183B



18B08D

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.



006DA7



B0183B



006E46

Square

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



B0183B



4E6200



00707B



1C54BB

Rectangle

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



B0183B



894A00



00707B



0069BA

Sweetspot

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



B0183B



E6AAB8



8D18B0



734F57



F2F2F2



737373

Same Dimension

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



B0183B



E60035



B04118



595052



990023



1A0006

Inverse Universe

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



B0183B



E60035



1887B0



595052



990023



1A0006

Previews

White Background



This preview shows how the Hex color B0183B looks on a white background.

Color Contrast Check

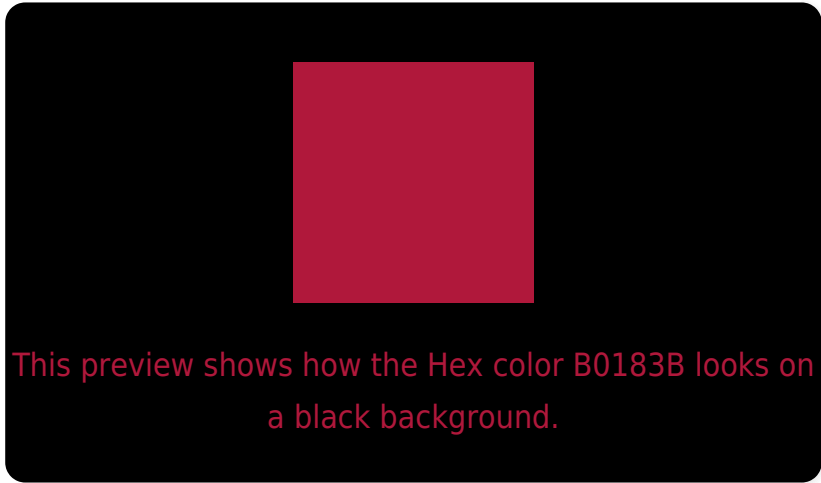
Large Text (above 18pt) WCAG AA ✓ Pass

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 B0183B Background



This preview shows how black text looks on a background with the Hex color B0183B.

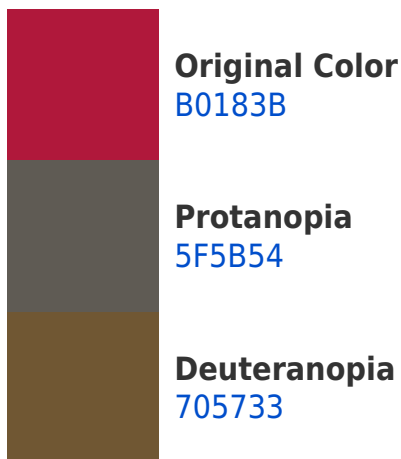


This preview shows how white text looks on a background with the Hex color B0183B.

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



Trichromacy



Original Color
B0183B

Protanomaly
7C434B

Deuteranomaly
874036

Tritanomaly
AF1D29

Monochromacy



Original Color
B0183B

Achromatopsia
494949

Achromatomaly
6E3744

CSS Examples

Text

The CSS property to change the color of the text to Hex B0183B 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 #B0183B looks like.

```
.text, #text, p{  
    color:#B0183B  
}
```

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 #B0183B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0183B
}
```

Border

The CSS property to change the border of an element to Hex B0183B is called "border". The border property can be set on classes, ids or directly on the HTML element.

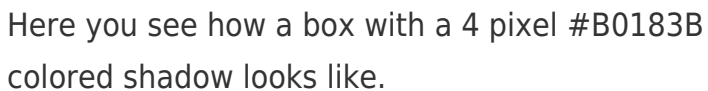
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B0183B }
```

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

```
.border{ border-color:#B0183B }
```

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



Here you see how a box with a 4 pixel `#B0183B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0183B; -webkit-box-shadow:4px 4px  
4px 4px #B0183B; box-shadow:4px 4px 4px  
4px #B0183B }
```

Background

The CSS property to change the background color of an element to Hex B0183B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0183B }
```

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

```
.background{ background-color:#B0183B }
```

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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