

Converting Colors

Hex(BD163A)

Have a look what the booklet for
Hex(BD163A) contains.

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Color

Hex(BD163A)

Conversions

Conversions Part 1

Format	Color
Hex	BD163A
RGB	189, 22, 58
RGB Percent	74%, 9%, 23%
CMY	0.2588, 0.9137, 0.7725
CMYK	0.00, 0.88, 0.69, 0.26
HSL	347°, 79%, 41%
HSV	347°, 88%, 74%
XYZ	22.0369, 11.6981, 5.0995
YIQ	76.0370, 87.9760, 46.6000

Conversions

Conversions Part 2

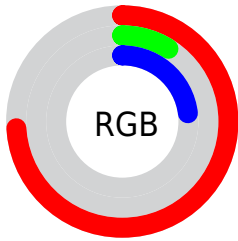
Format	Color
RYB	189, 22, 58
Decimal	12391994
CIELab	40.73, 62.63, 25.72
CIElCh	41, 67.707, 22.328
Yxy	11.6981, 0.5675, 0.3012
Android (android.graphics.Color)	4290582074 (0xFFBD163A)
YUV	76.0370, -8.8922, 99.0686
Hunter-Lab	34.2025, 55.1542, 15.1018

Details

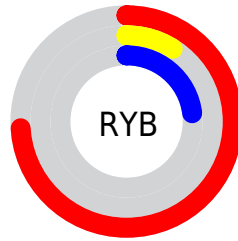
The Hex color **BD163A** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **16BD99**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FC5A69**, and **7F0011** is the 20% darker color. If you saturate the color by 10%, you get **BD032B**, and if you desaturate by 10%, it is **BD2949**.

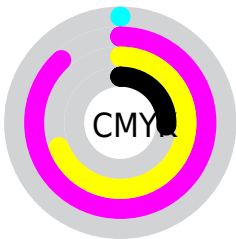
Distribution



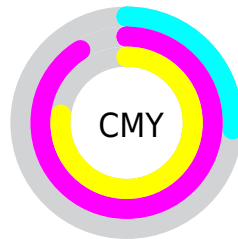
- Red (74%)
- Green (9%)
- Blue (23%)



- Red (74%)
- Yellow (9%)
- Blue (23%)



- Cyan (0%)
- Magenta (88%)
- Yellow (69%)
- Black (26%)



- Cyan (26%)
- Magenta (91%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD163A 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 BD163A by changing the saturation by 10% instead.

 BD163A

 BD163A

FFFFFF

 9E0025

 FC5A69

 7F0011

 FF7682

 610000

 FF939C

 450003

 FFB0B7

 240001

 FFCDD2

 000000

 FFEAEF

 BD163A

 BD163A

 BD032B

 BD2949

 BD0029

 BD3C58

 BD4F66

 BD6275

 BD7584

 BD8793

 BD9AA2

 BDADB1

 BDC0BF

Harmonies

Analogous

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



B90B71



BD163A



A83E00

Triad

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



BD163A



00720F



006CCF

Complementary

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



BD163A



16BD99

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.



0075B8



BD163A



00764F

Square

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



BD163A



4E6900



007789



2D58C8

Rectangle

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



BD163A



905100



007789



0070CB

Sweetspot

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



BD163A



F5B3C1



9916BD



7A535C



FAFAFA



7A7A7A

Same Dimension

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



BD163A



F50035



BD4516



5E5557



9E0022



1F0007

Inverse Universe

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



BD163A



F50035



168EBD



5E5557



9E0022



1F0007

Previews

White Background



This preview shows how the Hex color BD163A looks on a white background.

Color Contrast Check

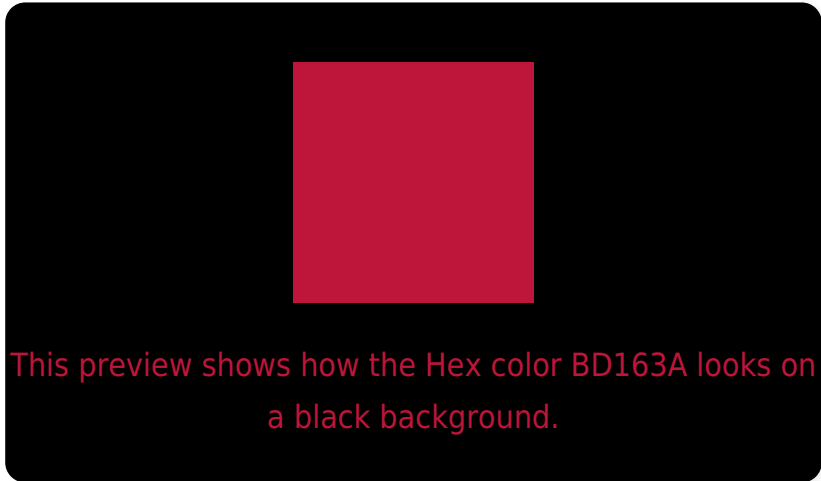
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD163A Background



This preview shows how black text looks on a background with the Hex color BD163A.



This preview shows how white text looks on a background with the Hex color BD163A.

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

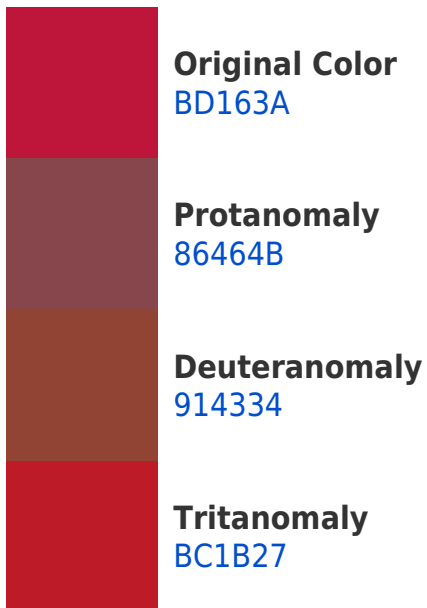


Original Color
BD163A

Protanopia
666154

Deuteranopia
785D31

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD163A 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 #BD163A looks like.

```
.text, #text, p{  
    color:#BD163A  
}
```

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 #BD163A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD163A
}
```

Border

The CSS property to change the border of an element to Hex BD163A 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
#BD163A }
```

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

```
.border{ border-color:#BD163A }
```

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

Here you see how a box with a 4 pixel #BD163A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD163A; -webkit-box-shadow:4px 4px  
4px 4px #BD163A; box-shadow:4px 4px 4px  
4px #BD163A }
```

Background

The CSS property to change the background color of an element to Hex BD163A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD163A }
```

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

```
.background{ background-color:#BD163A }
```

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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