

Converting Colors

Hex(BD2440)

Have a look what the booklet for
Hex(BD2440) contains.

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Color

Hex(BD2440)

Conversions

Conversions Part 1

Format	Color
Hex	BD2440
RGB	189, 36, 64
RGB Percent	74%, 14%, 25%
CMY	0.2588, 0.8588, 0.7490
CMYK	0.00, 0.81, 0.66, 0.26
HSL	349°, 68%, 44%
HSV	349°, 81%, 74%
XYZ	22.5426, 12.4507, 6.0656
YIQ	84.9390, 82.2000, 41.1440

Conversions

Conversions Part 2

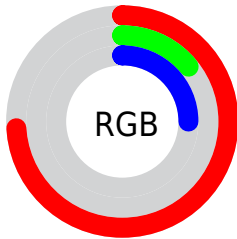
Format	Color
RYB	189, 36, 64
Decimal	12395584
CIELab	41.92, 59.83, 23.48
CIElCh	42, 64.271, 21.432
Yxy	12.4507, 0.5490, 0.3032
Android (android.graphics.Color)	4290585664 (0xFFBD2440)
YUV	84.9390, -10.3229, 91.2615
Hunter-Lab	35.2856, 52.2867, 14.5080

Details

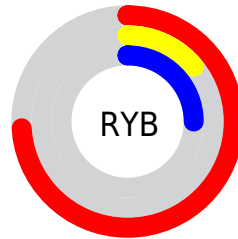
The Hex color **BD2440** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **24BDA1**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FB616F**, and **800016** is the 20% darker color. If you saturate the color by 10%, you get **BD1131**, and if you desaturate by 10%, it is **BD374F**.

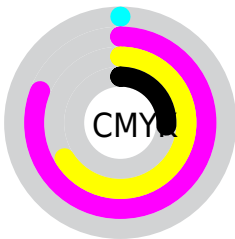
Distribution



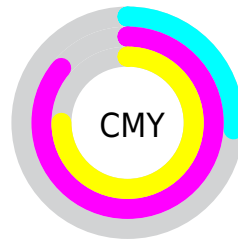
- Red (74%)
- Green (14%)
- Blue (25%)



- Red (74%)
- Yellow (14%)
- Blue (25%)



- Cyan (0%)
- Magenta (81%)
- Yellow (66%)
- Black (26%)



- Cyan (26%)
- Magenta (86%)
- Yellow (75%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD2440 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 BD2440 by changing the saturation by 10% instead.

 BD2440

 BD2440

FFFFFF

 9E002A

 FB616F

 800016

 FF7D89

 620000

 FF9AA3

 450002

 FFB6BE

 260001

 FFD3DA

 000000

 FFF1F6

 BD2440

 BD2440

 BD1131

 BD374F

 BD0023

 BD4A5F

 BD5D6E

 BD707E

 BD838D

 BD959D

 BDA8AC

 BDBBBC

 BDCECB

Harmonies

Analogous

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



B82074



BD2440



AA4208

Triad

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



BD2440



007517



006ECD

Complementary

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



BD2440



24BDA1

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.



0077B6



BD2440



007951

Square

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



BD2440



546C00



007A88



345CC7

Rectangle

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



BD2440



935400



007A88



0072C8

Sweetspot

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



BD2440



F5BAC5



A124BD



7A575D



FAFAFA



7A7A7A

Same Dimension

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



BD2440



F50733



BD5424



5E5557



9E001D



1F0006

Inverse Universe

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



BD2440



F50733



248DBD



5E5557



9E001D



1F0006

Previews

White Background



This preview shows how the Hex color BD2440 looks on a white background.

Color Contrast Check

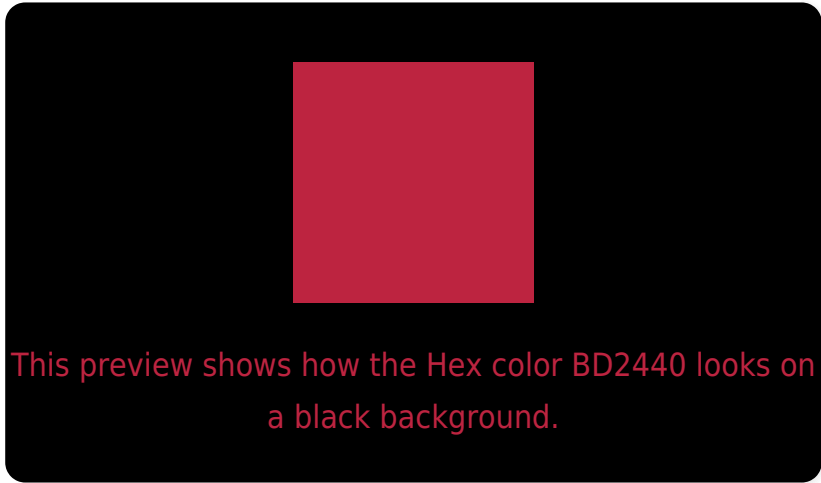
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD2440 Background



This preview shows how black text looks on a background with the Hex color BD2440.



This preview shows how white text looks on a background with the Hex color BD2440.

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

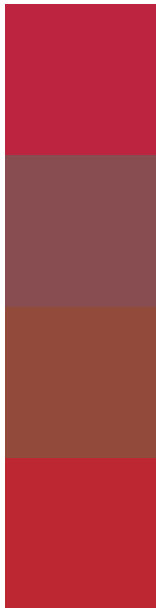


Original Color
BD2440

Protanopia
686459

Deuteranopia
7A5F38

Trichromacy



Original Color
BD2440

Protanomaly
874D50

Deuteranomaly
924A3B

Tritanomaly
BC2731

Monochromacy



Original Color
BD2440

Achromatopsia
555555

Achromatomaly
7B434D

CSS Examples

Text

The CSS property to change the color of the text to Hex BD2440 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 #BD2440 looks like.

```
.text, #text, p{  
    color:#BD2440  
}
```

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 #BD2440 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD2440
}
```

Border

The CSS property to change the border of an element to Hex BD2440 is called "border". The border property can be set on classes, ids or directly on the HTML element.

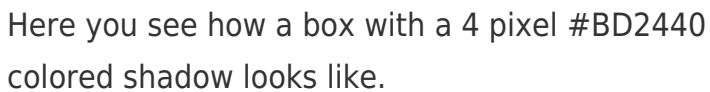
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD2440 }
```

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

```
.border{ border-color:#BD2440 }
```

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



Here you see how a box with a 4 pixel #BD2440 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD2440; -webkit-box-shadow:4px 4px  
4px 4px #BD2440; box-shadow:4px 4px 4px  
4px #BD2440 }
```

Background

The CSS property to change the background color of an element to Hex BD2440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD2440 }
```

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

```
.background{ background-color:#BD2440 }
```

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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