

Converting Colors

Hex(BD2F53)

Have a look what the booklet for
Hex(BD2F53) contains.

| | |
|--|----|
| Hex(BD2F53) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(BD2F53)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | BD2F53 |
| RGB | 189, 47, 83 |
| RGB Percent | 74%, 18%, 33% |
| CMY | 0.2588, 0.8157, 0.6745 |
| CMYK | 0.00, 0.75, 0.56, 0.26 |
| HSL | 345°, 60%, 46% |
| HSV | 345°, 75%, 74% |
| XYZ | 23.5641, 13.4764, 9.5428 |
| YIQ | 93.5620, 73.0760, 41.3000 |

Conversions

Conversions Part 2

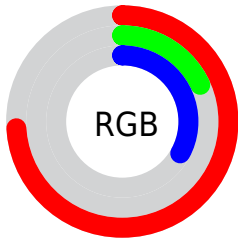
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 189, 47, 83 |
| Decimal | 12398419 |
| CIE _{Lab} | 43.47, 57.76, 13.70 |
| CIE _{LCh} | 43, 59.360, 13.344 |
| Yxy | 13.4764, 0.5058, 0.2893 |
| Android (android.graphics.Color) | 4290588499 (0xFFBD2F53) |
| YUV | 93.5620, -5.2071, 83.6991 |
| Hunter-Lab | 36.7102, 50.3356, 10.2846 |

Details

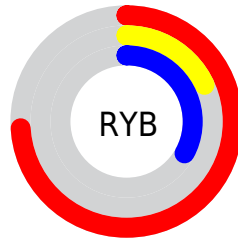
The Hex color **BD2F53** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **2FBD99**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FA6984**, and **810027** is the 20% darker color. If you saturate the color by 10%, you get **BD1C45**, and if you desaturate by 10%, it is **BD4261**.

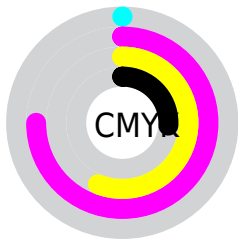
Distribution



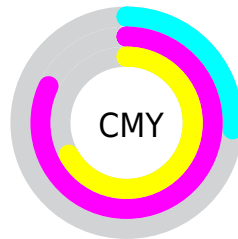
- Red (74%)
- Green (18%)
- Blue (33%)



- Red (74%)
- Yellow (18%)
- Blue (33%)



- Cyan (0%)
- Magenta (75%)
- Yellow (56%)
- Black (26%)



- Cyan (26%)
- Magenta (82%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD2F53 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 BD2F53 by changing the saturation by 10% instead.

 BD2F53

 BD2F53

FFFFFF

 9F033C

 FA6984

 810027

 FF859E

 640013

 FFA1B9

 480001

 FFBED5

 2A0001

 FFDBF1

 000000

 FFF8FF

 BD2F53

 BD2F53

 BD1C45

 BD4261

 BD0937

 BD556F

 BD0030

 BD687D

 BD7B8B

 BD8E9A

 BDA0A8

 BDB3B6

 BDC6C4

 BDD9D2

Harmonies

Analogous

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



B03584



BD2F53



B14324

Triad

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



BD2F53



2C7614



0074C5

Complementary

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



BD2F53



2FBD99

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.



007BAA



BD2F53



007B49

Square

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



BD2F53



686B00



007D7C



0065C7

Rectangle

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



BD2F53



9E5300



007D7C



0077BF

Sweetspot

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



BD2F53



F5BCCB



972FBD



7A5861



FAFAFA



7A7A7A

Same Dimension

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



BD2F53



F51850



BD502F



5E5557



9E0028



1F0008

Inverse Universe

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



BD2F53



F51850



2F9CBD



5E5557



9E0028



1F0008

Previews

White Background



This preview shows how the Hex color BD2F53 looks on a white background.

Color Contrast Check

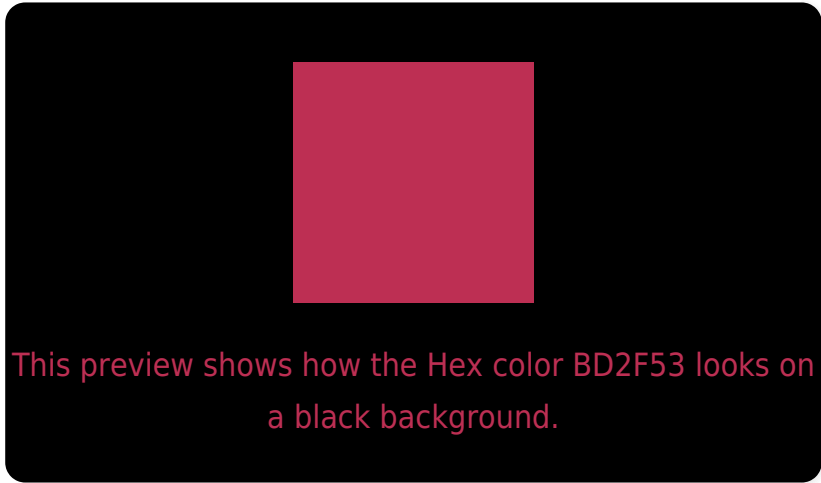
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD2F53 Background



This preview shows how black text looks on a background with the Hex color BD2F53.



This preview shows how white text looks on a background with the Hex color BD2F53.

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
BD2F53

Protanopia
67676E

Deuteranopia
7B634C

Trichromacy



Original Color
BD2F53

Protanomaly
865364

Deuteranomaly
93504F

Tritanomaly
BC3341

Monochromacy



Original Color
BD2F53

Achromatopsia
5E5E5E

Achromatomaly
814D5A

CSS Examples

Text

The CSS property to change the color of the text to Hex BD2F53 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 #BD2F53 looks like.

```
.text, #text, p{  
    color:#BD2F53  
}
```

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 #BD2F53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD2F53
}
```

Border

The CSS property to change the border of an element to Hex BD2F53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

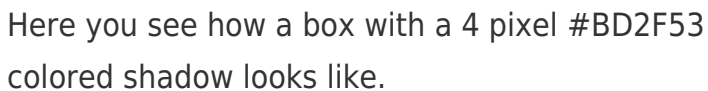
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD2F53 }
```

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

```
.border{ border-color:#BD2F53 }
```

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



Here you see how a box with a 4 pixel #BD2F53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD2F53; -webkit-box-shadow:4px 4px  
4px 4px #BD2F53; box-shadow:4px 4px 4px  
4px #BD2F53 }
```

Background

The CSS property to change the background color of an element to Hex BD2F53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD2F53 }
```

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

```
.background{ background-color:#BD2F53 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor