

Converting Colors

Hex(B33D50)

Have a look what the booklet for
Hex(B33D50) contains.

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Color

Hex(**B33D50**)

Conversions

Conversions Part 1

Format	Color
Hex	B33D50
RGB	179, 61, 80
RGB Percent	70%, 24%, 31%
CMY	0.2980, 0.7608, 0.6863
CMYK	0.00, 0.66, 0.55, 0.30
HSL	350°, 49%, 47%
HSV	350°, 66%, 70%
XYZ	21.7071, 13.5004, 9.0512
YIQ	98.4480, 64.2290, 30.9250

Conversions

Conversions Part 2

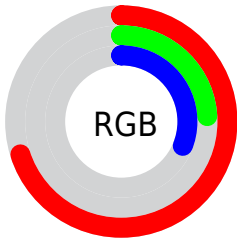
Format	Color
RYB	179, 61, 80
Decimal	11746640
CIELab	43.51, 49.13, 15.31
CIElCh	44, 51.459, 17.313
Yxy	13.5004, 0.4905, 0.3050
Android (android.graphics.Color)	4289936720 (0xFFB33D50)
YUV	98.4480, -9.0949, 70.6441
Hunter-Lab	36.7429, 41.1550, 11.1146

Details

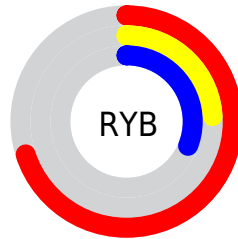
The Hex color **B33D50** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3DB3A0**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **EF7381**, and **790024** is the 20% darker color. If you saturate the color by 10%, you get **B32B41**, and if you desaturate by 10%, it is **B34F5F**.

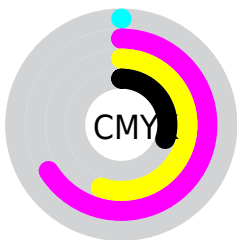
Distribution



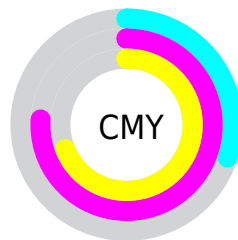
- Red (70%)
- Green (24%)
- Blue (31%)



- Red (70%)
- Yellow (24%)
- Blue (31%)



- Cyan (0%)
- Magenta (66%)
- Yellow (55%)
- Black (30%)



- Cyan (30%)
- Magenta (76%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color B33D50 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 B33D50 by changing the saturation by 10% instead.

 B33D50

 B33D50

FFFFFF

 962039

 EF7381

 790024

 FF8E9B

 5C000F

 FFAAB6

 410001

 FFC6D1

 230001

 FFE3EE

 000000

 B33D50

 B33D50

 B32B41

 B34F5F

 B31932

 B3616E

 B30723

 B3737D

 B3001D

 B3858C

 B3969B

 B3A8AA

 B3BAB9

 B3CCC8

 B3DED7

Harmonies

Analogous

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



AA3F7B



B33D50



A64C29

Triad

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



B33D50



307528



0071BA

Complementary

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



B33D50



3DB3A0

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.



0078A5



B33D50



007953

Square

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



B33D50



646C01



007B7F



3F63B9

Rectangle

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



B33D50



955811



007B7F



0074B5

Sweetspot

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



B33D50



E8BAC1



9F3DB3



75595E



F5F5F5



757575

Same Dimension

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



B33D50



E8314E



B3643D



595052



990019



1A0004

Inverse Universe

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



B33D50



E8314E



3D8CB3



595052



990019



1A0004

Previews

White Background



This preview shows how the Hex color B33D50 looks on a white background.

Color Contrast Check

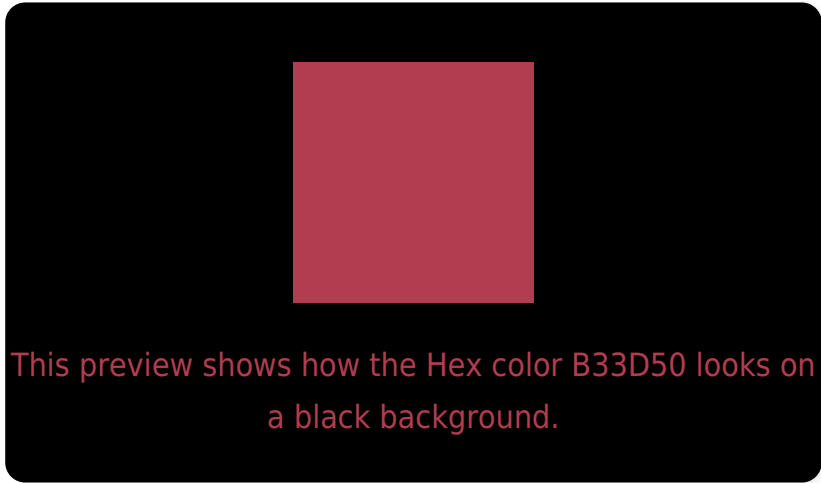
Large Text (above 18pt) WCAG AA ✓ Pass

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 B33D50 Background



This preview shows how black text looks on a background with the Hex color B33D50.

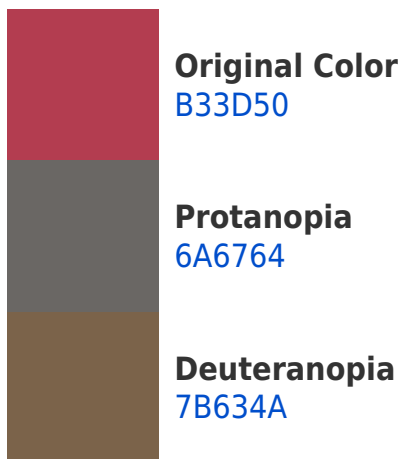


This preview shows how white text looks on a background with the Hex color B33D50.

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
B23F43

Trichromacy



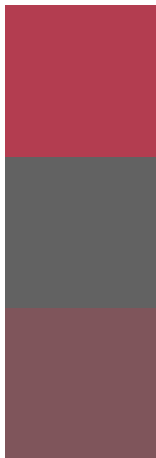
Original Color
B33D50

Protanomaly
85585D

Deuteranomaly
8F554C

Tritanomaly
B23E48

Monochromacy



Original Color
B33D50

Achromatopsia
626262

Achromatomaly
7F555B

CSS Examples

Text

The CSS property to change the color of the text to Hex B33D50 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 #B33D50 looks like.

```
.text, #text, p{  
    color:#B33D50  
}
```

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 #B33D50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B33D50
}
```

Border

The CSS property to change the border of an element to Hex B33D50 is called "border". The border property can be set on classes, ids or directly on the HTML element.

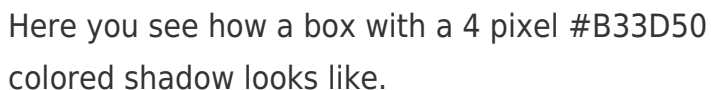
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B33D50 }
```

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

```
.border{ border-color:#B33D50 }
```

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



Here you see how a box with a 4 pixel `#B33D50` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B33D50; -webkit-box-shadow:4px 4px  
4px 4px #B33D50; box-shadow:4px 4px 4px  
4px #B33D50 }
```

Background

The CSS property to change the background color of an element to Hex B33D50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B33D50 }
```

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

```
.background{ background-color:#B33D50 }
```

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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