

Converting Colors

Hex(B34D50)

Have a look what the booklet for
Hex(B34D50) contains.

| | |
|--|----|
| Hex(B34D50) | 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(**B34D50**)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B34D50 |
| RGB | 179, 77, 80 |
| RGB Percent | 70%, 30%, 31% |
| CMY | 0.2980, 0.6980, 0.6863 |
| CMYK | 0.00, 0.57, 0.55, 0.30 |
| HSL | 358°, 40%, 50% |
| HSV | 358°, 57%, 70% |
| XYZ | 22.6923, 15.4706, 9.3795 |
| YIQ | 107.8400, 59.8290, 22.5570 |

Conversions

Conversions Part 2

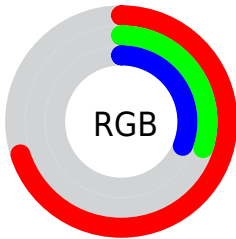
| Format | Color |
|-------------------------------------|--|
| RYB | 179, 77, 80 |
| Decimal | 11750736 |
| CIELab | 46.27, 41.77, 19.04 |
| CIELCh | 46, 45.901, 24.503 |
| Yxy | 15.4706, 0.4773, 0.3254 |
| Android (android.graphics.Color) | 4289940816 (0xFFB34D50) |
| YUV | 107.8400, -13.7251, 62.4073 |
| Hunter-Lab | 39.3327, 34.1498, 13.3943 |

Details

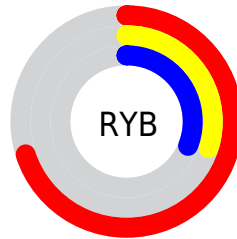
The Hex color **B34D50** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **4DB3B0**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **EF8181**, and **791824** is the 20% darker color. If you saturate the color by 10%, you get **B33B3F**, and if you desaturate by 10%, it is **B35F61**.

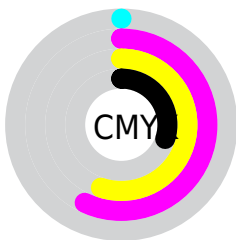
Distribution



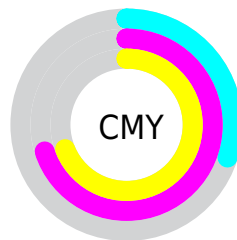
- Red (70%)
- Green (30%)
- Blue (31%)



- Red (70%)
- Yellow (30%)
- Blue (31%)



- Cyan (0%)
- Magenta (57%)
- Yellow (55%)
- Black (30%)



- Cyan (30%)
- Magenta (70%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color B34D50 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 B34D50 by changing the saturation by 10% instead.

 B34D50

 B34D50

FFFFFF

 963339

 EF8181

 791824

 FF9C9B

 5D000F

 FFB8B6

 420000

 FFD4D2

 270001

 FFF1EE

 000000

 B34D50

 B34D50

 B33B3F

 B35F61

 B3292D

 B37173

 B3171C

 B38384

 B3050B

 B39595

 B30005

 B3A7A7

 B3B8B8

 B3CACA

 B3DCDB

 B3EEEC

Harmonies

Analogous

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



AF4B76



B34D50



A45A2F

Triad

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



B34D50



317C3F



0074BA

Complementary

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



B34D50



4DB3B0

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.



007CAC



B34D50



008065

Square

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



B34D50



637522



00808C



6266B4

Rectangle

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



B34D50



93641F



00808C



0077B8

Sweetspot

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



B34D50



E8C1C2



B04DB3



755E5F



F5F5F5



757575

Same Dimension

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



B34D50



E84A4F



B37D4D



595051



990004



1A0001

Inverse Universe

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



B34D50



E84A4F



4D83B3



595051



990004



1A0001

Previews

White Background



This preview shows how the Hex color B34D50 looks on a white background.

Color Contrast Check

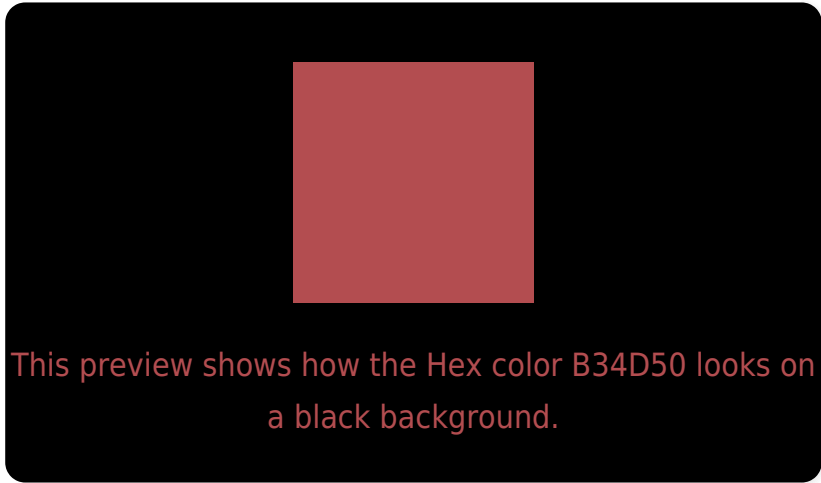
Large Text (above 18pt) WCAG AA ✓ Pass

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 B34D50 Background



This preview shows how black text looks on a background with the Hex color B34D50.



This preview shows how white text looks on a background with the Hex color B34D50.

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
B34D50

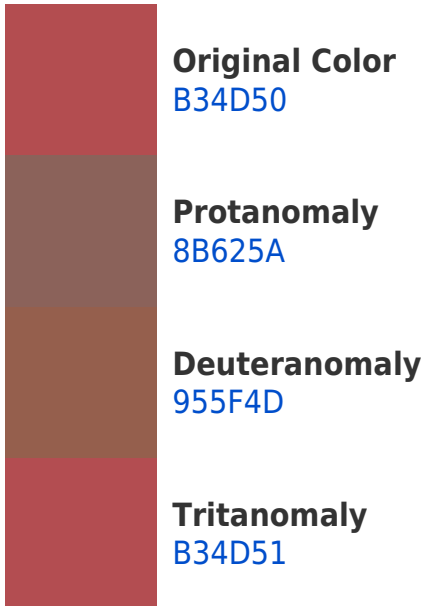
Protanopia
746E5F

Deuteranopia
84694B

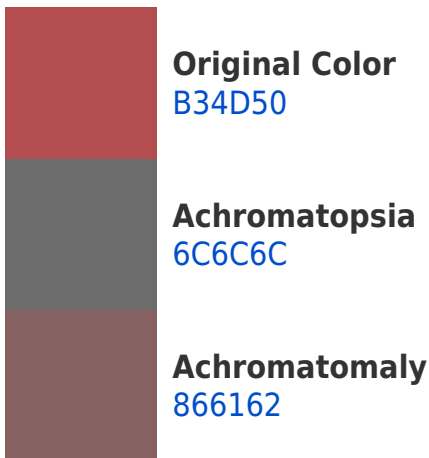


Tritanopia
B34D52

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B34D50 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 #B34D50 looks like.

```
.text, #text, p{  
    color:#B34D50  
}
```

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 #B34D50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B34D50  
}
```

Border

The CSS property to change the border of an element to Hex B34D50 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".

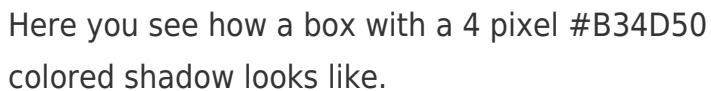
```
.border, #border, table{ border:4px solid  
#B34D50 }
```

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

```
.border{ border-color:#B34D50 }
```

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

Here you see how a box with a 4 pixel #B34D50 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B34D50; -webkit-box-shadow:4px 4px  
4px 4px #B34D50; box-shadow:4px 4px 4px  
4px #B34D50 }
```

Background

The CSS property to change the background color of an element to Hex B34D50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B34D50 }
```

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

```
.background{ background-color:#B34D50 }
```

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