

# Converting Colors

Hex(B2534C)

Have a look what the booklet for  
Hex(B2534C) contains.

<b>Hex(B2534C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(B2534C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B2534C
RGB	178, 83, 76
RGB Percent	70%, 33%, 30%
CMY	0.3020, 0.6745, 0.7020
CMYK	0.00, 0.53, 0.57, 0.30
HSL	4°, 40%, 50%
HSV	4°, 57%, 70%
XYZ	22.7579, 16.1733, 8.7598
YIQ	110.6070, 58.8670, 17.9630

# Conversions

## Conversions Part 2

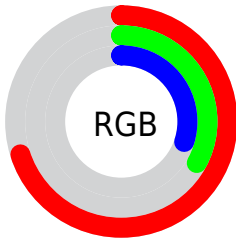
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">178, 84, 76</a>
Decimal	<a href="#">11686732</a>
CIELab	<a href="#">47.20, 38.06, 22.63</a>
CIElCh	<a href="#">47, 44.281, 30.732</a>
Yxy	<a href="#">16.1733, 0.4772, 0.3391</a>
Android (android.graphics.Color)	<a href="#">4289876812</a> ( <a href="#">0xFFB2534C</a> )
YUV	<a href="#">110.6070, -17.0613, 59.1037</a>
Hunter-Lab	<a href="#">40.2160, 30.6334, 15.2368</a>

# Details

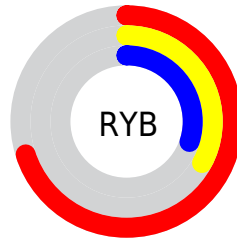
The Hex color **B2534C** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **4CABB2**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **EE877D**, and **782020** is the 20% darker color. If you saturate the color by 10%, you get **B2423A**, and if you desaturate by 10%, it is **B2645E**.

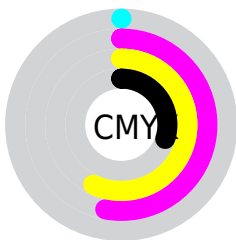
# Distribution



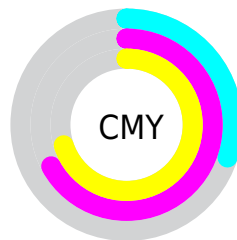
- Red (70%)
- Green (33%)
- Blue (30%)



- Red (70%)
- Yellow (33%)
- Blue (30%)



- Cyan (0%)
- Magenta (53%)
- Yellow (57%)
- Black (30%)



- Cyan (30%)
- Magenta (67%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2534C 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 B2534C by changing the saturation by 10% instead.



 B2534C

 B2534C

FFFFFF

 953A35

 EE877D

 782020

 FFA297

 5C010A

 FFBE82

 410000

 FFDACD

 270001

 FFF7E9

 000000

 B2534C

 B2534C

 B2423A

 B2645E

 B23228

 B27470

 B22117

 B28581

 B21105

 B29593

 B20C00

 B2A6A5

 B2B6B7

 B2C7C9

 B2D8DA

 B2E8EC

# Harmonies

## Analogous

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



B24E71



B2534C



A1602E

# Triad

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



B2534C



287F4A



1774BA

# Complementary

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



B2534C



4CABB2

# 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.



007DB0



B2534C



008270

# Square

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



B2534C



5E792C



008295



7266B0

# Rectangle

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



B2534C



8E6A22



008295



0077B9



# Sweetspot

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



B2534C



E8C3C1



B24CAB



755F5E



F5F5F5



757575



# Same Dimension

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



B2534C



E85348



B2864C



595150



990A00



1A0200



# Inverse Universe

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



4CABB2



48DDE8



4C78B2



505959



008E99



00181A



# Previews

## White Background



This preview shows how the Hex color B2534C looks on a white background.

## Color Contrast Check

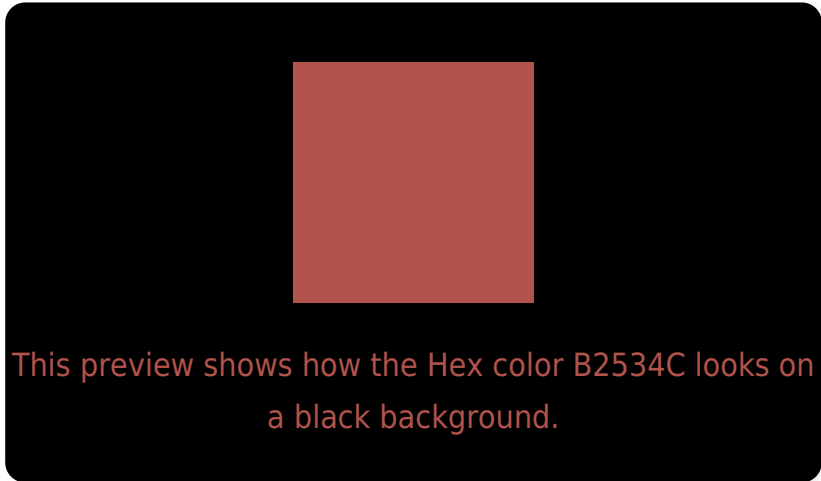
Large Text (above 18pt) WCAG AA ✓ Pass

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 B2534C Background



This preview shows how black text looks on a background with the Hex color B2534C.



This preview shows how white text looks on a background with the Hex color B2534C.

# 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**  
B2534C

**Protanopia**  
787059

**Deuteranopia**  
886C48



**Tritanopia**  
B35157

# Trichromacy



**Original Color**  
B2534C

**Protanomaly**  
8D6554

**Deuteranomaly**  
976349

**Tritanomaly**  
B35253

# Monochromacy



**Original Color**  
B2534C

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
876562

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2534C 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 #B2534C looks like.

```
.text, #text, p{  
    color:#B2534C  
}
```

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 #B2534C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2534C
}
```

## Border

The CSS property to change the border of an element to Hex B2534C is called "border". The border property can be set on classes, ids or directly on the HTML element.

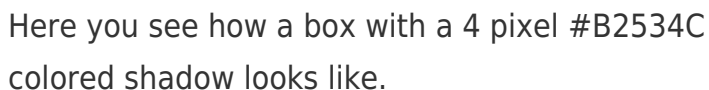
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B2534C }
```

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

```
.border{ border-color:#B2534C }
```

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



Here you see how a box with a 4 pixel #B2534C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2534C; -webkit-box-shadow:4px 4px  
4px 4px #B2534C; box-shadow:4px 4px 4px  
4px #B2534C }
```

# Background

The CSS property to change the background color of an element to Hex B2534C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2534C }
```

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

```
.background{ background-color:#B2534C }
```

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