

Converting Colors

Hex(B32B30)

Have a look what the booklet for
Hex(B32B30) contains.

Hex(B32B30)	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(B32B30)

Conversions

Conversions Part 1

Format	Color
Hex	B32B30
RGB	179, 43, 48
RGB Percent	70%, 17%, 19%
CMY	0.2980, 0.8314, 0.8118
CMYK	0.00, 0.76, 0.73, 0.30
HSL	358°, 61%, 44%
HSV	358°, 76%, 70%
XYZ	19.9878, 11.5249, 3.9674
YIQ	84.2340, 79.4510, 30.3870

Conversions

Conversions Part 2

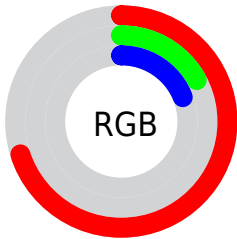
Format	Color
R_{YB}	179, 43, 48
Decimal	11742000
CIE _{Lab}	40.45, 54.01, 31.02
CIE _{LCh}	40, 62.288, 29.873
Yxy	11.5249, 0.5634, 0.3248
Android (android.graphics.Color)	4289932080 (0xFFB32B30)
YUV	84.2340, -17.8634, 83.1098
Hunter-Lab	33.9483, 45.6862, 16.8349

Details

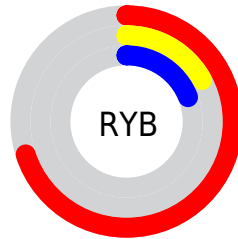
The Hex color **B32B30** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **2BB3AE**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **F1645E**, and **760003** is the 20% darker color. If you saturate the color by 10%, you get **B3191F**, and if you desaturate by 10%, it is **B33D41**.

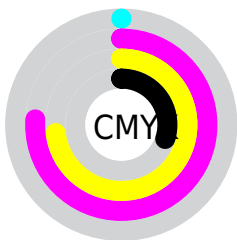
Distribution



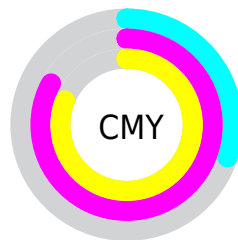
- Red (70%)
- Green (17%)
- Blue (19%)



- Red (70%)
- Yellow (17%)
- Blue (19%)



- Cyan (0%)
- Magenta (76%)
- Yellow (73%)
- Black (30%)



- Cyan (30%)
- Magenta (83%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color B32B30 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 B32B30 by changing the saturation by 10% instead.

 B32B30

 B32B30

FFFFFF

 94001B

 F1645E

 760003

 FF7F77

 580000

 FF9B91

 3D0002

 FFB7AB

 1A0001

 FFD4C7

 000000

 FFF1E3

 B32B30

 B32B30

 B3191F

 B33D41

 B3070E

 B34F52

 B30007

 B36164

 B37375

 B38586

 B39697

 B3A8A9

 B3BABA

 B3CCCB

Harmonies

Analogous

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



B51B62



B32B30



9B4800

Triad

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



B32B30



007228



0066C6

Complementary

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



B32B30



2BB3AE

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.



0071B8



B32B30



00755E

Square

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



B32B30



416B00



007591



5752B9

Rectangle

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



B32B30



825700



007591



006BC5

Sweetspot

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



B32B30



E8B3B5



AC2BB3



755456



F5F5F5



757575

Same Dimension

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



B32B30



E8151D



B3682B



595051



990006



1A0001

Inverse Universe

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



B32B30



E8151D



2B76B3



595051



990006



1A0001

Previews

White Background



This preview shows how the Hex color B32B30 looks on a white background.

Color Contrast Check

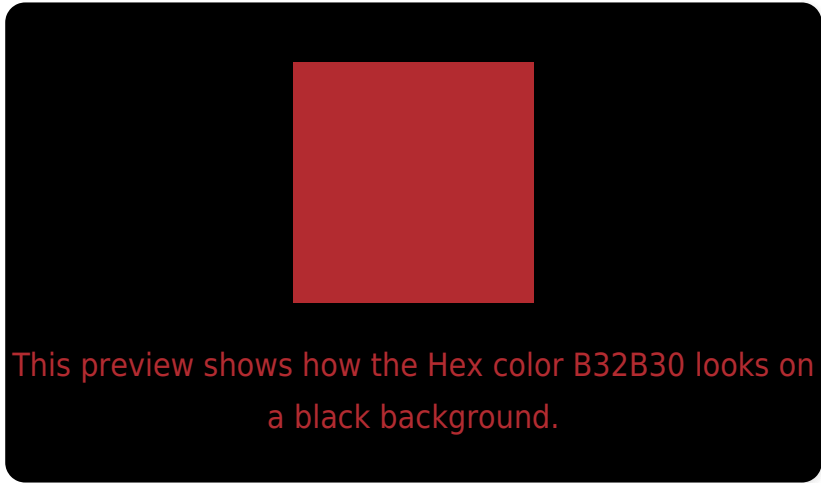
Large Text (above 18pt) WCAG AA ✓ Pass

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 B32B30 Background



This preview shows how black text looks on a background with the Hex color B32B30.

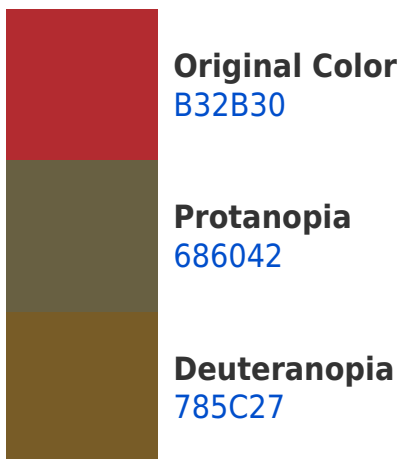


This preview shows how white text looks on a background with the Hex color B32B30.

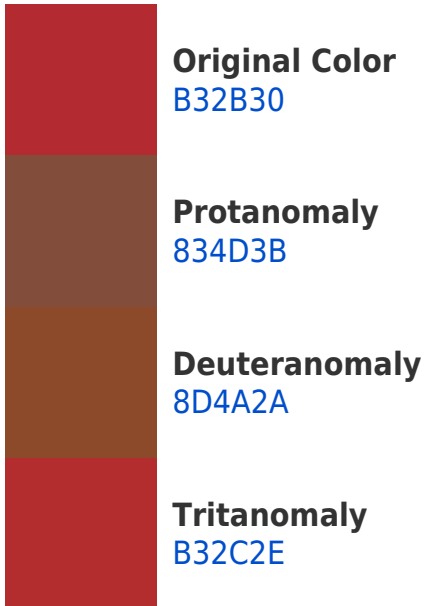
Color Blindness Simulation

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](#).

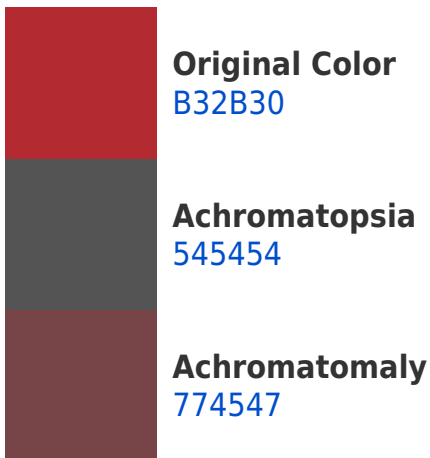
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B32B30 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 #B32B30 looks like.

```
.text, #text, p{  
    color:#B32B30  
}
```

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 #B32B30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B32B30
}
```

Border

The CSS property to change the border of an element to Hex B32B30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

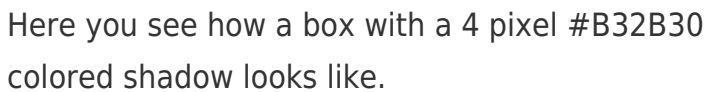
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B32B30 }
```

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

```
.border{ border-color:#B32B30 }
```

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



Here you see how a box with a 4 pixel #B32B30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B32B30; -webkit-box-shadow:4px 4px  
4px 4px #B32B30; box-shadow:4px 4px 4px  
4px #B32B30 }
```

Background

The CSS property to change the background color of an element to Hex B32B30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B32B30 }
```

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

```
.background{ background-color:#B32B30 }
```

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