

Converting Colors

Hex(B2953B)

Have a look what the booklet for
Hex(B2953B) contains.

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Color

Hex(B2953B)

Conversions

Conversions Part 1

Format	Color
Hex	B2953B
RGB	178, 149, 59
RGB Percent	70%, 58%, 23%
CMY	0.3020, 0.4157, 0.7686
CMYK	0.00, 0.16, 0.67, 0.30
HSL	45°, 50%, 46%
HSV	45°, 67%, 70%
XYZ	29.8970, 31.2756, 8.5987
YIQ	147.4110, 46.1740, -21.8420

Conversions

Conversions Part 2

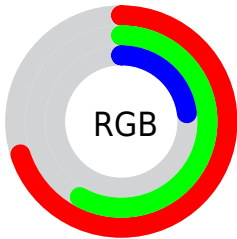
Format	Color
RYB	97, 178, 59
Decimal	11703611
CIELab	62.74, 0.65, 49.95
CIELCh	63, 49.955, 89.258
Yxy	31.2756, 0.4285, 0.4483
Android (android.graphics.Color)	4289893691 (0xFFB2953B)
YUV	147.4110, -43.5866, 26.8266
Hunter-Lab	55.9246, -2.4431, 30.0311

Details

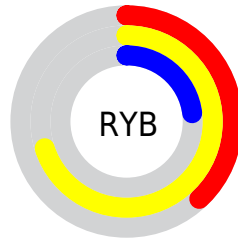
The Hex color **B2953B** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3B58B2**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **ECCB6E**, and **7A6300** is the 20% darker color. If you saturate the color by 10%, you get **B29129**, and if you desaturate by 10%, it is **B2994D**.

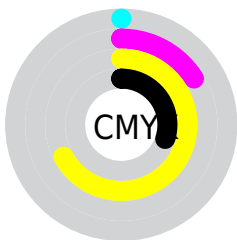
Distribution



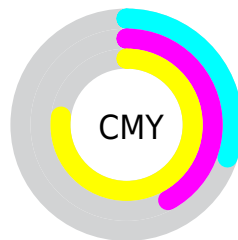
- Red (70%)
- Green (58%)
- Blue (23%)



- Red (38%)
- Yellow (70%)
- Blue (23%)



- Cyan (0%)
- Magenta (16%)
- Yellow (67%)
- Black (30%)



- Cyan (30%)
- Magenta (42%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2953B 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 B2953B by changing the saturation by 10% instead.

 B2953B

 B2953B

FFFFFF

 967B21

 ECCB6E

 7A6300

 FFE789

 5F4B00

 FFFFA4

 453500

 FFFFC0


 2B2000

 FFFFDC

 100900

 FFFFF9

 000000

 B2953B

 B2953B

 B29129

 B2994D

 B28C17

 B29E5F

 B28806

 B2A270

 B28700

 B2A682

 B2AB94

 B2AFA6

 B2B3B8

 B2B8C9

 B2BCDB

Harmonies

Analogous

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



D5854C



B2953B



85A246

Triad

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



B2953B



00ADC2



CD7BC6

Complementary

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



B2953B



3B58B2

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.



988DE5



B2953B



00A8E3

Square

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



B2953B



00AE95



3A9DF0



E7719B

Rectangle

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



B2953B



61A85B



3A9DF0



BF81D2

Sweetspot

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



B2953B



E8DDBA



B23B59



756E59



F5F5F5



757575

Same Dimension

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



B2953B



E8BB2E



94B23B



595750



997400



1A1300

Inverse Universe

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



3B58B2



2E5CE8



593BB2



505359



002599



00061A

Previews

White Background



This preview shows how the Hex color B2953B looks on a white background.

Color Contrast Check

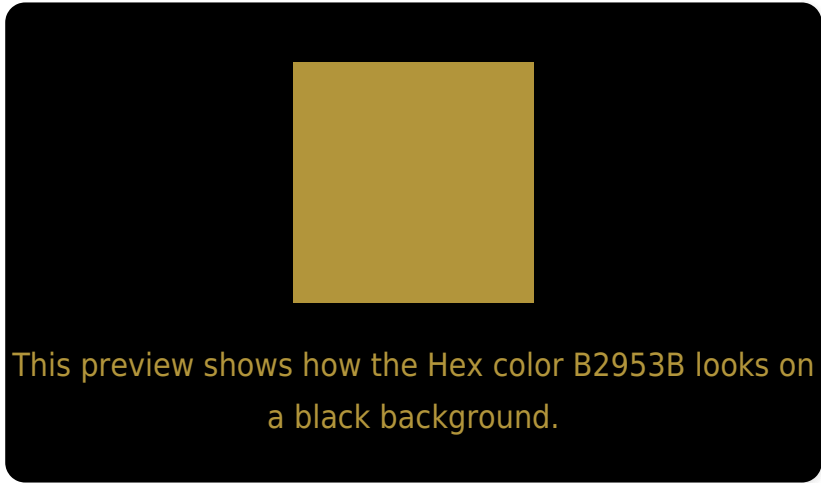
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B2953B Background



This preview shows how black text looks on a background with the Hex color B2953B.



This preview shows how white text looks on a background with the Hex color B2953B.

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
B2953B

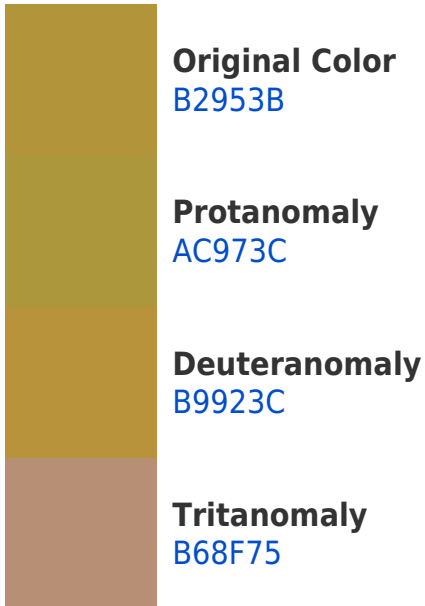
Protanopia
A9983C

Deuteranopia
BD903C

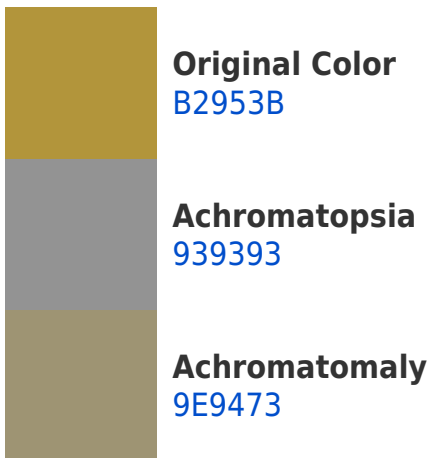


Tritanopia
B98C96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2953B 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 #B2953B looks like.

```
.text, #text, p{  
    color:#B2953B  
}
```

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 #B2953B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2953B
}
```

Border

The CSS property to change the border of an element to Hex B2953B 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
#B2953B }
```

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

```
.border{ border-color:#B2953B }
```

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

Here you see how a box with a 4 pixel #B2953B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2953B; -webkit-box-shadow:4px 4px  
4px 4px #B2953B; box-shadow:4px 4px 4px  
4px #B2953B }
```

Background

The CSS property to change the background color of an element to Hex B2953B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2953B }
```

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

```
.background{ background-color:#B2953B }
```

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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