

Converting Colors

Hex(2B933C)

Have a look what the booklet for
Hex(2B933C) contains.

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Color

Hex(2B933C)

Conversions

Conversions Part 1

Format	Color
Hex	2B933C
RGB	43, 147, 60
RGB Percent	17%, 58%, 24%
CMY	0.8314, 0.4235, 0.7647
CMYK	0.71, 0.00, 0.59, 0.42
HSL	130°, 55%, 37%
HSV	130°, 71%, 58%
XYZ	12.2456, 21.7073, 7.8195
YIQ	105.9860, -34.0570, -49.1050

Conversions

Conversions Part 2

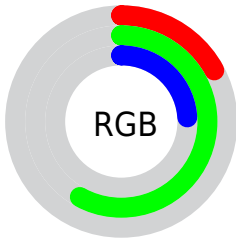
Format	Color
R_{YB}	43, 132, 147
Decimal	2855740
CIE _{Lab}	53.72, -47.96, 37.07
CIE _{LCh}	54, 60.617, 142.303
Yxy	21.7073, 0.2932, 0.5197
Android (android.graphics.Color)	4281045820 (0xFF2B933C)
YUV	105.9860, -22.6711, -55.2387
Hunter-Lab	46.5911, -34.6190, 22.6630

Details

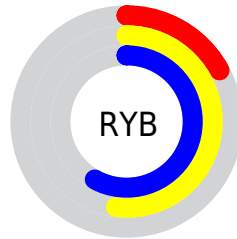
The Hex color **2B933C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **932B82**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **67CA6E**, and **005F08** is the 20% darker color. If you saturate the color by 10%, you get **1C9330**, and if you desaturate by 10%, it is **3A9348**.

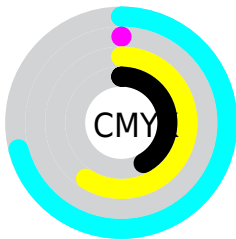
Distribution



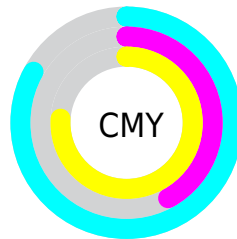
- Red (17%)
- Green (58%)
- Blue (24%)



- Red (17%)
- Yellow (52%)
- Blue (58%)



- Cyan (71%)
- Magenta (0%)
- Yellow (59%)
- Black (42%)



- Cyan (83%)
- Magenta (42%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B933C 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 2B933C by changing the saturation by 10% instead.



2B933C



2B933C

FFFFFF



007923



67CA6E



005F08



84E688



004600



A0FFA3



002F00



BDFFB E



001500



DAFFDB



000000



F8FFF7



2B933C



2B933C



1C9330



3A9348

■ 0E9323

■ 489355

■ 009318

■ 579361

■ 66936D

■ 749379

■ 839386

■ 929392

■ A1939E

■ AF93AB

Harmonies

Analogous

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



748909



2B933C



009871

Triad

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



2B933C



008AE8



DD4F5C

Complementary

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



2B933C



932B82

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.



D74D90



2B933C



6578E2

Square

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



2B933C



0095D2



B260C1



CA632D

Rectangle

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



2B933C



009995



B260C1



DE4B6D

Sweetspot

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



2B933C



97BF9E



83932B



49614D



E0E0E0



616161

Same Dimension

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



2B933C



1DBF37



2B936F



434A44



008A17



000A02

Inverse Universe

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



932B82



BF1DA5



932B4F



4A4349



8A0073



0A0009

Previews

White Background



This preview shows how the Hex color 2B933C looks on a white background.

Color Contrast Check

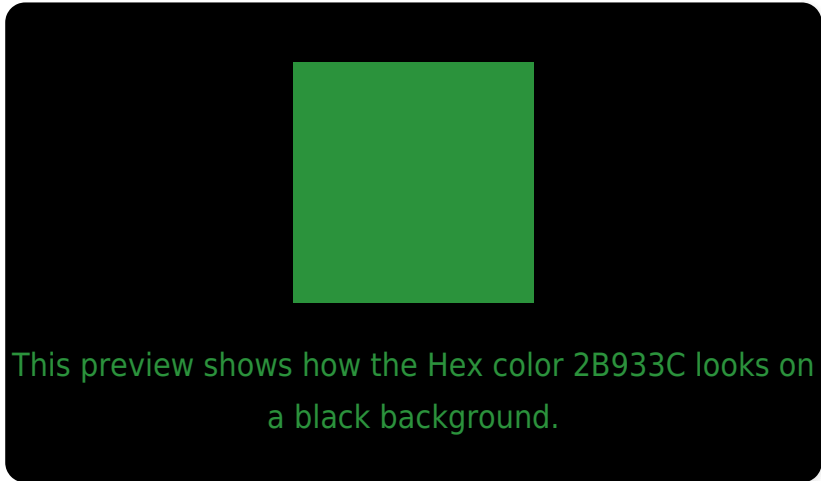
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

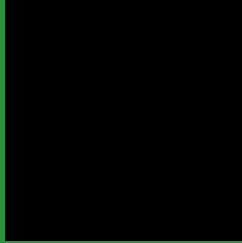
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 2B933C Background



This preview shows how black text looks on a background with the Hex color 2B933C.




This preview shows how white text looks on a background with the Hex color 2B933C.

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](#).

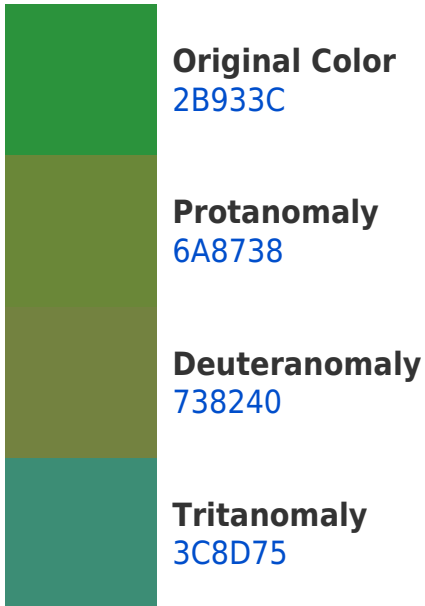
Dichromacy





Tritanopia
468A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B933C 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 #2B933C looks like.

```
.text, #text, p{  
    color:#2B933C  
}
```

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 #2B933C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B933C
}
```

Border

The CSS property to change the border of an element to Hex 2B933C 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
#2B933C }
```

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

```
.border{ border-color:#2B933C }
```

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

Here you see how a box with a 4 pixel #2B933C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B933C; -webkit-box-shadow:4px 4px  
4px 4px #2B933C; box-shadow:4px 4px 4px  
4px #2B933C }
```

Background

The CSS property to change the background color of an element to Hex 2B933C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B933C }
```

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

```
.background{ background-color:#2B933C }
```

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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