

Converting Colors

Hex(2B935C)

Have a look what the booklet for
Hex(2B935C) contains.

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Color

Hex(2B935C)

Conversions

Conversions Part 1

Format	Color
Hex	2B935C
RGB	43, 147, 92
RGB Percent	17%, 58%, 36%
CMY	0.8314, 0.4235, 0.6392
CMYK	0.71, 0.00, 0.37, 0.42
HSL	148°, 55%, 37%
HSV	148°, 71%, 58%
XYZ	13.3617, 22.1537, 13.6971
YIQ	109.6340, -44.3290, -39.1530

Conversions

Conversions Part 2

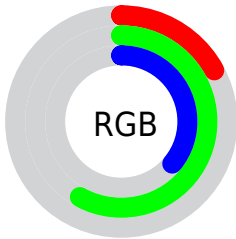
Format	Color
RYB	43, 114, 147
Decimal	2855772
CIELab	54.19, -42.56, 20.80
CIELCh	54, 47.372, 153.948
Yxy	22.1537, 0.2715, 0.4502
Android (android.graphics.Color)	4281045852 (0xFF2B935C)
YUV	109.6340, -8.6936, -58.4380
Hunter-Lab	47.0678, -31.6954, 15.6936

Details

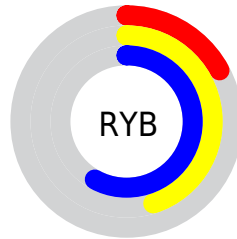
The Hex color **2B935C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **932B62**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **66CA8F**, and **005F2D** is the 20% darker color. If you saturate the color by 10%, you get **1C9354**, and if you desaturate by 10%, it is **3A9364**.

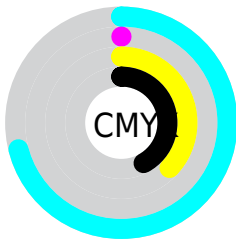
Distribution



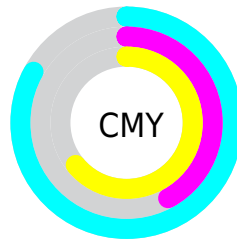
- Red (17%)
- Green (58%)
- Blue (36%)



- Red (17%)
- Yellow (45%)
- Blue (58%)



- Cyan (71%)
- Magenta (0%)
- Yellow (37%)
- Black (42%)



- Cyan (83%)
- Magenta (42%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B935C 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 2B935C by changing the saturation by 10% instead.

 2B935C

 2B935C

FFFFFF

 007944

 66CA8F

 005F2D

 83E6A9

 004718

 9FFFC5

 002F00

 BBFFE1

 001700

 D9FFFD

 000000

 F6FFFF

 2B935C

 2B935C

 1C9354

 3A9364

■ 0E934C

■ 48936C

■ 009345

■ 579373

■ 66937B

■ 749383

■ 83938B

■ 929392

■ A1939A

■ AF93A2

Harmonies

Analogous

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



698C3A



2B935C



009686

Triad

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



2B935C



3984D3



C96356

Complementary

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



2B935C



932B62

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.



CC5D7E



2B935C



8B75C6

Square

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



2B935C



008FCB



B865A6



B57237

Rectangle

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



2B935C



0096A2



B865A6



CC6063

Sweetspot

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



2B935C



97BFAA



62932B



496154



E0E0E0



616161

Same Dimension

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



2B935C



1DBF69



2B9390



434A46



008A41



000A05

Inverse Universe

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



932B62



BF1D73



932B2E



4A4346



8A0049



0A0005

Previews

White Background



This preview shows how the Hex color 2B935C looks on a white background.

Color Contrast Check

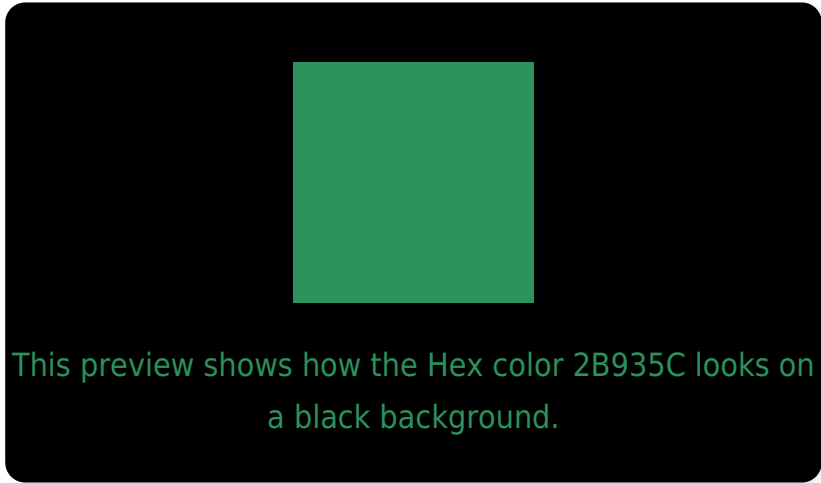
Large Text (above 18pt) WCAG AA ✓ Pass

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

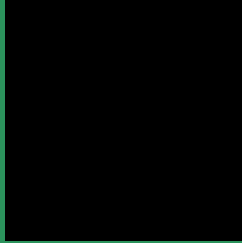
Any Text WCAG AA ✓ Pass

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 2B935C Background



This preview shows how black text looks on a background with the Hex color 2B935C.



This preview shows how white text looks on a background with the Hex color 2B935C.

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
2B935C

Protanopia
8C8154

Deuteranopia
977B61



Tritanopia
428C97

Trichromacy



Original Color
2B935C



Protanomaly
698857



Deuteranomaly
70845F



Tritanomaly
3A8F82

Monochromacy



Original Color
2B935C



Achromatopsia
6E6E6E



Achromatomaly
567B67

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B935C 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 #2B935C looks like.

```
.text, #text, p{  
    color:#2B935C  
}
```

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 #2B935C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B935C
}
```

Border

The CSS property to change the border of an element to Hex 2B935C 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
#2B935C }
```

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

```
.border{ border-color:#2B935C }
```

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

Here you see how a box with a 4 pixel #2B935C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B935C; -webkit-box-shadow:4px 4px  
4px 4px #2B935C; box-shadow:4px 4px 4px  
4px #2B935C }
```

Background

The CSS property to change the background color of an element to Hex 2B935C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B935C }
```

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

```
.background{ background-color:#2B935C }
```

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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