

Converting Colors

Hex(2B955E)

Have a look what the booklet for
Hex(2B955E) contains.

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Color

Hex(2B955E)

Conversions

Conversions Part 1

Format	Color
Hex	2B955E
RGB	43, 149, 94
RGB Percent	17%, 58%, 37%
CMY	0.8314, 0.4157, 0.6314
CMYK	0.71, 0.00, 0.37, 0.42
HSL	149°, 55%, 38%
HSV	149°, 71%, 58%
XYZ	13.7641, 22.8166, 14.2683
YIQ	111.0360, -45.5210, -39.5770

Conversions

Conversions Part 2

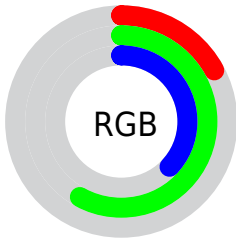
Format	Color
RYB	43, 115, 149
Decimal	2856286
CIELab	54.88, -42.96, 20.63
CIELCh	55, 47.658, 154.355
Yxy	22.8166, 0.2707, 0.4487
Android (android.graphics.Color)	4281046366 (0xFF2B955E)
YUV	111.0360, -8.3987, -59.6676
Hunter-Lab	47.7668, -32.1567, 15.7264

Details

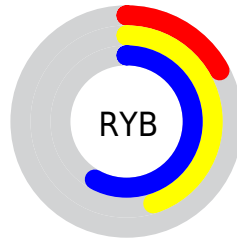
The Hex color **2B955E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **952B62**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **67CC91**, and **00612F** is the 20% darker color. If you saturate the color by 10%, you get **1C9556**, and if you desaturate by 10%, it is **3A9566**.

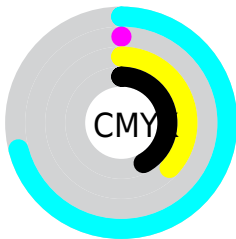
Distribution



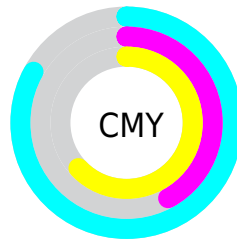
- Red (17%)
- Green (58%)
- Blue (37%)



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



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



- Cyan (83%)
- Magenta (42%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B955E 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 2B955E by changing the saturation by 10% instead.

 2B955E

 2B955E

FFFFFF

 007B46


 67CC91

 00612F

 83E8AB

 004819

 9FFFC7

 003101

 BCFE3

 001A00

 D9FFF

 000000

 F7FFF

 2B955E

 2B955E

 1C9556

 3A9566

0D954F

49956D

009548

589575

67957D

769585

84958C

939594

A2959C

B195A4

Harmonies

Analogous

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



6A8E3C



2B955E



009888

Triad

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



2B955E



3C86D6



CC6557

Complementary

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



2B955E



952B62

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.



CE5F7F



2B955E



8D76C8

Square

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



2B955E



0091CD



BB66A8



B67438

Rectangle

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



2B955E



0097A4



BB66A8



CF6264

Sweetspot

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



2B955E



99C2AD



64952B



496154



E0E0E0



616161

Same Dimension

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



2B955E



1DC26C



2B9591



434A46



008A42



000A05

Inverse Universe

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



952B62



C21D73



952B2F



4A4346



8A0047



0A0005

Previews

White Background



This preview shows how the Hex color 2B955E looks on a white background.

Color Contrast Check

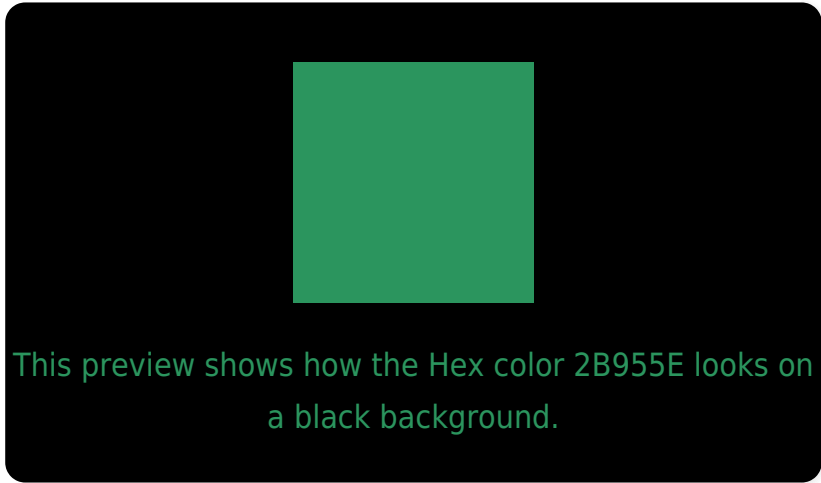
Large Text (above 18pt) WCAG AA ✓ Pass

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 2B955E Background



This preview shows how black text looks on a background with the Hex color 2B955E.



This preview shows how white text looks on a background with the Hex color 2B955E.

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
2B955E

Protanopia
8E8256

Deuteranopia
997D63



Tritanopia
428E99

Trichromacy



Original Color
2B955E



Protanomaly
6A8959



Deuteranomaly
718661



Tritanomaly
3A9184

Monochromacy



Original Color
2B955E



Achromatopsia
6F6F6F



Achromatomaly
567D69

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B955E 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 #2B955E looks like.

```
.text, #text, p{  
    color:#2B955E  
}
```

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 #2B955E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B955E
}
```

Border

The CSS property to change the border of an element to Hex 2B955E 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
#2B955E }
```

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

```
.border{ border-color:#2B955E }
```

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

Here you see how a box with a 4 pixel #2B955E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B955E; -webkit-box-shadow:4px 4px  
4px 4px #2B955E; box-shadow:4px 4px 4px  
4px #2B955E }
```

Background

The CSS property to change the background color of an element to Hex 2B955E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B955E }
```

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

```
.background{ background-color:#2B955E }
```

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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