

Converting Colors

Hex(2C635A)

Have a look what the booklet for
Hex(2C635A) contains.

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Color

Hex(2C635A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 2C635A |
| RGB | 44, 99, 90 |
| RGB Percent | 17%, 39%, 35% |
| CMY | 0.8275, 0.6118, 0.6471 |
| CMYK | 0.56, 0.00, 0.09, 0.61 |
| HSL | 170°, 38%, 28% |
| HSV | 170°, 56%, 39% |
| XYZ | 7.3460, 10.1973, 11.2540 |
| YIQ | 81.5290, -29.8910, -14.4590 |

Conversions

Conversions Part 2

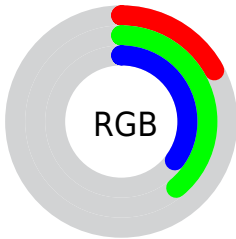
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 44, 74, 99 |
| Decimal | 2909018 |
| CIELab | 38.19, -20.62, -0.42 |
| CIELCh | 38, 20.619, 181.170 |
| Yxy | 10.1973, 0.2551, 0.3541 |
| Android (android.graphics.Color) | 4281099098 (0xFF2C635A) |
| YUV | 81.5290, 4.1762, -32.9129 |
| Hunter-Lab | 31.9333, -14.8206, 1.4582 |




Details

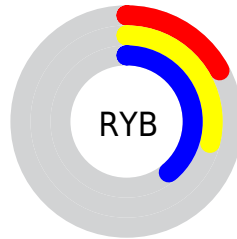
The Hex color **2C635A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **632C35**, and the grayscale version is **525252**.




A 20% lighter version of the original color is **5F968C**, and **00342D** is the 20% darker color. If you saturate the color by 10%, you get **226358**, and if you desaturate by 10%, it is **36635C**.

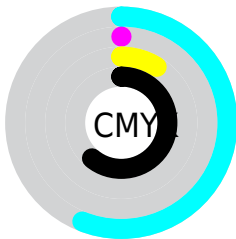
Distribution







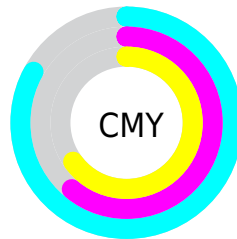
-  Red (17%)
-  Green (39%)
-  Blue (35%)






-  Red (17%)
-  Yellow (29%)
-  Blue (39%)



-  Cyan (56%)
-  Magenta (0%)
-  Yellow (9%)
-  Black (61%)



-  Cyan (83%)
-  Magenta (61%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C635A 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 2C635A by changing the saturation by 10% instead.

 2C635A

 2C635A

FFFFFF

 104B43

 5F968C

 00342D

 79B1A6

 001F18

 94CCC1

 000000

 AFE9DD

 CBFFFA

 E8FFFF

 2C635A

 2C635A

 226358

 36635C

■ 186357

■ 40635D

■ 0E6355

■ 4A635F

■ 046354

■ 546360

■ 006353

■ 5E6362

■ 676364

■ 716365

■ 7B6367

■ 856369

Harmonies

Analogous

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



3F6149



2C635A



21636B

Triad

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



2C635A



5D5576



73533D

Complementary

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



2C635A



632C35

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.



7A4F49



2C635A



70506A

Square

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



2C635A



445B7B



7A4D5A



655938

Rectangle

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



2C635A



256173



7A4D5A



765241

Sweetspot

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



2C635A



6A807C



35632C



33403E



BFBFBF



404040

Same Dimension

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



2C635A



2A8072



2C5163



2C3030



00705E



00F0C8

Inverse Universe

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



632C35



802A38



633E2C



302C2C



700012



F00027

Previews

White Background



This preview shows how the Hex color 2C635A looks on a white background.

Color Contrast Check

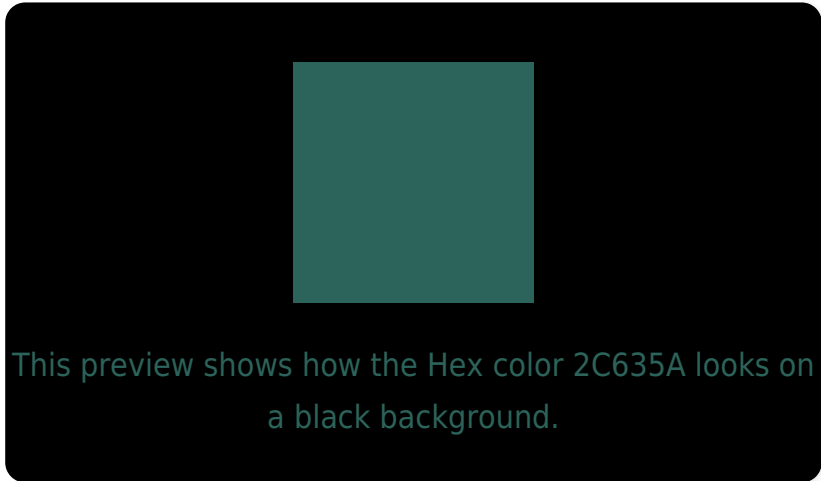
Large Text (above 18pt) WCAG AA ✓ Pass

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

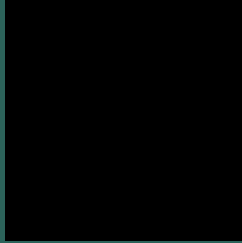
Any Text WCAG AA × Fail

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 2C635A Background



This preview shows how black text looks on a background with the Hex color 2C635A.



This preview shows how white text looks on a background with the Hex color 2C635A.

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
2C635A

Protanopia
5C5954

Deuteranopia
61575D



Tritanopia
316169

Trichromacy



Original Color
2C635A

Protanomaly
4B5D56

Deuteranomaly
4E5B5C

Tritanomaly
2F6264

Monochromacy



Original Color
2C635A

Achromatopsia
525252

Achromatomaly
445855

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C635A 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 #2C635A looks like.

```
.text, #text, p{  
    color:#2C635A  
}
```

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 #2C635A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C635A
}
```

Border

The CSS property to change the border of an element to Hex 2C635A 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".

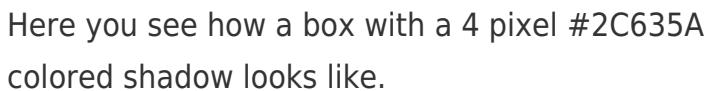
```
.border, #border, table{ border:4px solid
#2C635A }
```

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

```
.border{ border-color:#2C635A }
```

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

Here you see how a box with a 4 pixel #2C635A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C635A; -webkit-box-shadow:4px 4px  
4px 4px #2C635A; box-shadow:4px 4px 4px  
4px #2C635A }
```

Background

The CSS property to change the background color of an element to Hex 2C635A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C635A }
```

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

```
.background{ background-color:#2C635A }
```

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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