

Converting Colors

Hex(2B5C50)

Have a look what the booklet for
Hex(2B5C50) contains.

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Color

Hex(2B5C50)

Conversions

Conversions Part 1

Format	Color
Hex	2B5C50
RGB	43, 92, 80
RGB Percent	17%, 36%, 31%
CMY	0.8314, 0.6392, 0.6863
CMYK	0.53, 0.00, 0.13, 0.64
HSL	165°, 36%, 26%
HSV	165°, 53%, 36%
XYZ	6.2714, 8.7471, 8.9472
YIQ	75.9810, -25.3520, -14.1200

Conversions

Conversions Part 2

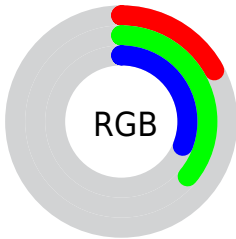
Format	Color
RYB	43, 71, 92
Decimal	2841680
CIELab	35.49, -19.91, 1.83
CIELCh	35, 19.992, 174.748
Yxy	8.7471, 0.2617, 0.3650
Android (android.graphics.Color)	4281031760 (0xFF2B5C50)
YUV	75.9810, 1.9814, -28.9243
Hunter-Lab	29.5754, -13.9067, 2.7663

Details

The Hex color **2B5C50** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C2B37**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **5D8F81**, and **002E24** is the 20% darker color. If you saturate the color by 10%, you get **225C4E**, and if you desaturate by 10%, it is **345C52**.

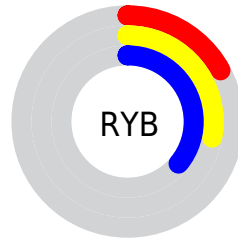
Distribution



Red (17%)

Green (36%)

Blue (31%)



Red (17%)

Yellow (28%)

Blue (36%)

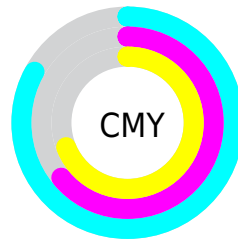


Cyan (53%)

Magenta (0%)

Yellow (13%)

Black (64%)



Cyan (83%)

Magenta (64%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B5C50 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 2B5C50 by changing the saturation by 10% instead.

 2B5C50

 2B5C50

FFFFFF

 114439

 5D8F81

 002E24

 76A99B

 001B0E

 91C4B6

 000000

 ACE1D2

 C8FDEE

 E4FFFF

 2B5C50

 2B5C50

 225C4E

 345C52

■ 195C4B

■ 3D5C55

■ 0F5C49

■ 475C57

■ 065C47

■ 505C59

■ 005C45

■ 595C5B

■ 625C5E

■ 6B5C60

■ 755C62

■ 7E5C64

Harmonies

Analogous

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



3E5A41



2B5C50



1C5C60

Triad

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



2B5C50



525070



6D4C3A

Complementary

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



2B5C50



5C2B37

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.



734847



2B5C50



654B66

Square

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



2B5C50



395673



714857



615234

Rectangle

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



2B5C50



1E5B69



714857



704A3E

Sweetspot

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



2B5C50



657873



375C2B



323D3A



BDBDBD



3D3D3D

Same Dimension

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



2B5C50



2B7865



2B505C



292E2D



006E53



00EDB3

Inverse Universe

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



5C2B37



782B3E



5C372B



2E292A



6E001B



ED003A

Previews

White Background



This preview shows how the Hex color 2B5C50 looks on a white background.

Color Contrast Check

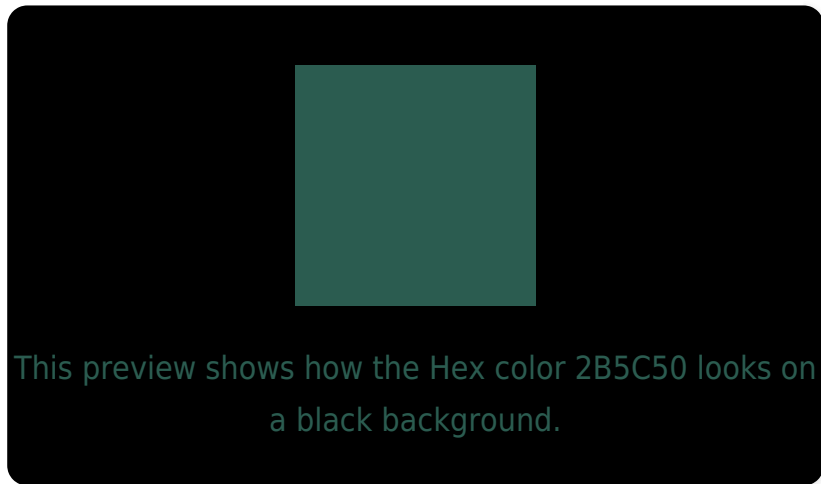
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

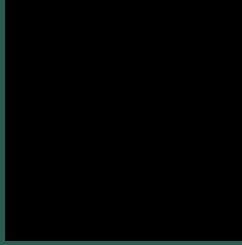
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 2B5C50 Background



This preview shows how black text looks on a background with the Hex color 2B5C50.



This preview shows how white text looks on a background with the Hex color 2B5C50.

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](#).

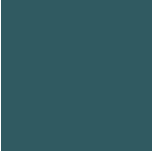
Dichromacy



Original Color
2B5C50

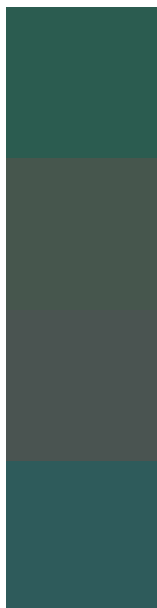
Protanopia
56534B

Deuteranopia
5B5052



Tritanopia
305A61

Trichromacy



Original Color
2B5C50

Protanomaly
46564D

Deuteranomaly
4A5451

Tritanomaly
2E5B5B

Monochromacy



Original Color
2B5C50

Achromatopsia
4C4C4C

Achromatomaly
40524D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B5C50 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 #2B5C50 looks like.

```
.text, #text, p{  
    color:#2B5C50  
}
```

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 #2B5C50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B5C50
}
```

Border

The CSS property to change the border of an element to Hex 2B5C50 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
#2B5C50 }
```

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

```
.border{ border-color:#2B5C50 }
```

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

Here you see how a box with a 4 pixel #2B5C50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B5C50; -webkit-box-shadow:4px 4px  
4px 4px #2B5C50; box-shadow:4px 4px 4px  
4px #2B5C50 }
```

Background

The CSS property to change the background color of an element to Hex 2B5C50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B5C50 }
```

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

```
.background{ background-color:#2B5C50 }
```

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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