

Converting Colors

Hex(2B5047)

Have a look what the booklet for
Hex(2B5047) contains.

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Color

Hex(2B5047)

Conversions

Conversions Part 1

Format	Color
Hex	2B5047
RGB	43, 80, 71
RGB Percent	17%, 31%, 28%
CMY	0.8314, 0.6863, 0.7216
CMYK	0.46, 0.00, 0.11, 0.69
HSL	165°, 30%, 24%
HSV	165°, 46%, 31%
XYZ	5.0023, 6.7058, 6.9919
YIQ	67.9110, -19.1630, -10.6430

Conversions

Conversions Part 2

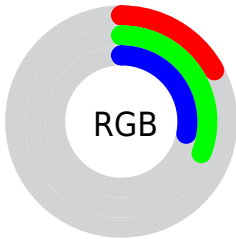
Format	Color
R_{YB}	43, 64, 80
Decimal	2838599
CIE _{Lab}	31.13, -15.76, 1.16
CIE _{LCh}	31, 15.804, 175.773
Yxy	6.7058, 0.2675, 0.3586
Android (android.graphics.Color)	4281028679 (0xFF2B5047)
YUV	67.9110, 1.5229, -21.8469
Hunter-Lab	25.8956, -10.8366, 2.1184

Details

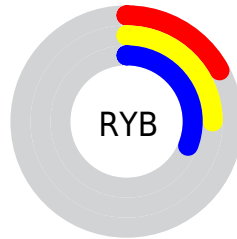
The Hex color **2B5047** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **502B34**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5B8177**, and **00231C** is the 20% darker color. If you saturate the color by 10%, you get **235045**, and if you desaturate by 10%, it is **335049**.

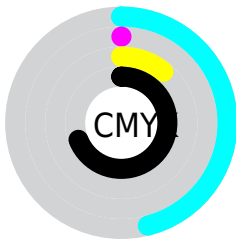
Distribution



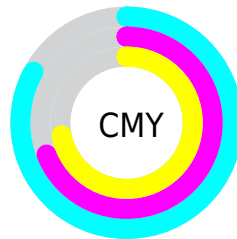
- Red (17%)
- Green (31%)
- Blue (28%)



- Red (17%)
- Yellow (25%)
- Blue (31%)



- Cyan (46%)
- Magenta (0%)
- Yellow (11%)
- Black (69%)



- Cyan (83%)
- Magenta (69%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B5047 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 2B5047 by changing the saturation by 10% instead.

■ 2B5047

■ 2B5047

FFFFFF

■ 133931

■ 5B8177

■ 00231C

■ 749C91

■ 000801

■ 8EB6AB

■ 000000

■ A9D2C7

■ C5EEE3

■ E1FFFF

FEFFFF

■ 2B5047

■ 2B5047

■ 235045

■ 335049

■ 1B5043

■ 3B504B

■ 135041

■ 43504D

■ 0B503F

■ 4B504F

■ 03503D

■ 535051

■ 00503D

■ 5B5053

■ 635055

■ 6B5057

■ 735059

Harmonies

Analogous

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



394F3B



2B5047



235054

Triad

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



2B5047



49475F



5D4435

Complementary

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



2B5047



502B34

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.



62413F



2B5047



574357

Square

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



2B5047



374B62



60404B



544831

Rectangle

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



2B5047



244F5B



60404B



604338

Sweetspot

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



2B5047



5A6965



34502B



2C3633



B5B5B5



363636

Same Dimension

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



2B5047



2E695A



2B4750



252928



00694F



00E8B0

Inverse Universe

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



502B34



692E3C



50342B



292526



690019



E80038

Previews

White Background



This preview shows how the Hex color 2B5047 looks on a white background.

Color Contrast Check

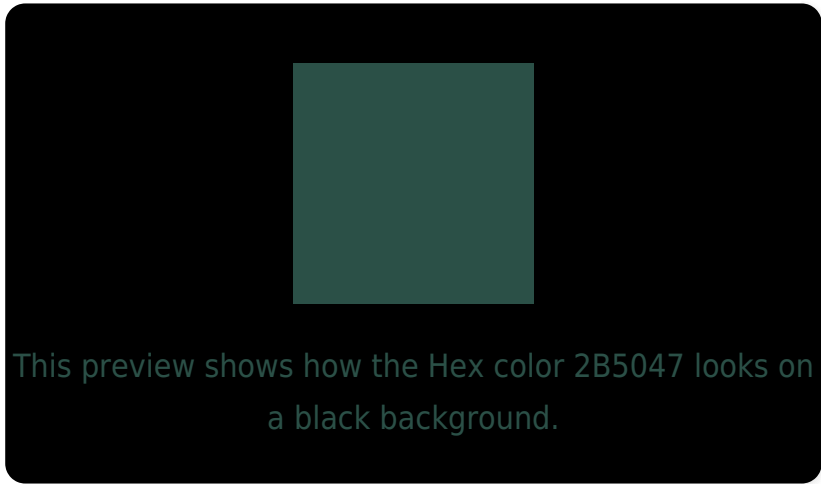
Large Text (above 18pt) WCAG AA ✓ Pass

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

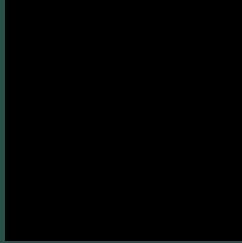
Any Text WCAG AA × Fail

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 2B5047 Background



This preview shows how black text looks on a background with the Hex color 2B5047.



This preview shows how white text looks on a background with the Hex color 2B5047.

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](#).

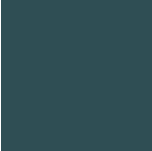
Dichromacy



Original Color
2B5047

Protanopia
4C4943

Deuteranopia
504749



Tritanopia
2F4E54

Trichromacy



Original Color
2B5047

Protanomaly
404C44

Deuteranomaly
434A48

Tritanomaly
2E4F4F

Monochromacy



Original Color
2B5047

Achromatopsia
444444

Achromatomaly
3B4845

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B5047 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 #2B5047 looks like.

```
.text, #text, p{  
    color:#2B5047  
}
```

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 #2B5047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B5047
}
```

Border

The CSS property to change the border of an element to Hex 2B5047 is called "border". The border property can be set on classes, ids or directly on the HTML element.

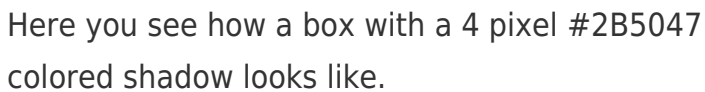
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B5047 }
```

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

```
.border{ border-color:#2B5047 }
```

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



Here you see how a box with a 4 pixel #2B5047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B5047; -webkit-box-shadow:4px 4px  
4px 4px #2B5047; box-shadow:4px 4px 4px  
4px #2B5047 }
```

Background

The CSS property to change the background color of an element to Hex 2B5047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B5047 }
```

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

```
.background{ background-color:#2B5047 }
```

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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