

Converting Colors

Hex(2B4F47)

Have a look what the booklet for
Hex(2B4F47) contains.

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Color

Hex(2B4F47)

Conversions

Conversions Part 1

Format	Color
Hex	2B4F47
RGB	43, 79, 71
RGB Percent	17%, 31%, 28%
CMY	0.8314, 0.6902, 0.7216
CMYK	0.46, 0.00, 0.10, 0.69
HSL	167°, 30%, 24%
HSV	167°, 46%, 31%
XYZ	4.9296, 6.5605, 6.9677
YIQ	67.3240, -18.8880, -10.1200

Conversions

Conversions Part 2

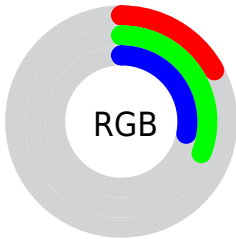
Format	Color
R_YB	43, 63, 79
Decimal	2838343
CIE Lab	30.78, -15.19, 0.67
CIE LCh	31, 15.209, 177.489
Yxy	6.5605, 0.2671, 0.3554
Android (android.graphics.Color)	4281028423 (0xFF2B4F47)
YUV	67.3240, 1.8123, -21.3321
Hunter-Lab	25.6134, -10.4694, 1.8005

Details

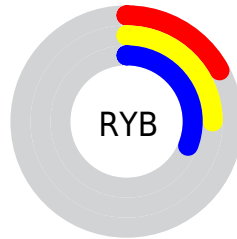
The Hex color **2B4F47** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4F2B33**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5B8077**, and **00221C** is the 20% darker color. If you saturate the color by 10%, you get **234F45**, and if you desaturate by 10%, it is **334F49**.

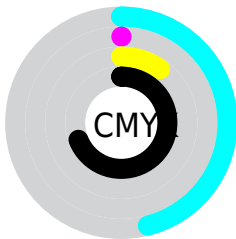
Distribution



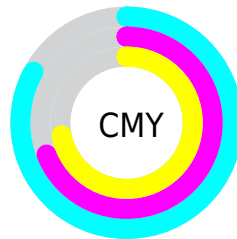
- Red (17%)
- Green (31%)
- Blue (28%)



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



- Cyan (46%)
- Magenta (0%)
- Yellow (10%)
- Black (69%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4F47 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 2B4F47 by changing the saturation by 10% instead.

■ 2B4F47

■ 2B4F47

FFFFFF

■ 143831

■ 5B8077

■ 00221C

■ 749A91

■ 000501

■ 8EB5AB

■ 000000

■ A9D1C7

■ C4EDE3

■ E1FFFF

■ FDDFFF

■ 2B4F47

■ 2B4F47

■ 234F45

■ 334F49

■ 1B4F43

■ 3B4F4B

■ 134F42

■ 434F4C

■ 0B4F40

■ 4B4F4E

■ 044F3E

■ 534F50

■ 004F3D

■ 5A4F52

■ 624F53

■ 6A4F55

■ 724F57

Harmonies

Analogous

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



384E3B



2B4F47



244F53

Triad

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



2B4F47



49465D



5B4335

Complementary

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



2B4F47



4F2B33

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.



60403E



2B4F47



574255

Square

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



2B4F47



384A60



5F404A



524731

Rectangle

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



2B4F47



264E5A



5F404A



5E4237

Sweetspot

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



2B4F47



586663



334F2B



2A3331



B3B3B3



333333

Same Dimension

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



2B4F47



2E665A



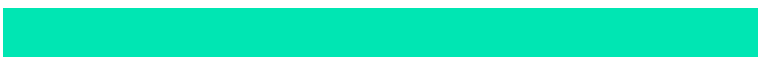
2B454F



222625



00664F



00E6B3

Inverse Universe

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



4F2B33



662E3A



4F352B



262223



660017



E60033

Previews

White Background



This preview shows how the Hex color 2B4F47 looks on a white background.

Color Contrast Check

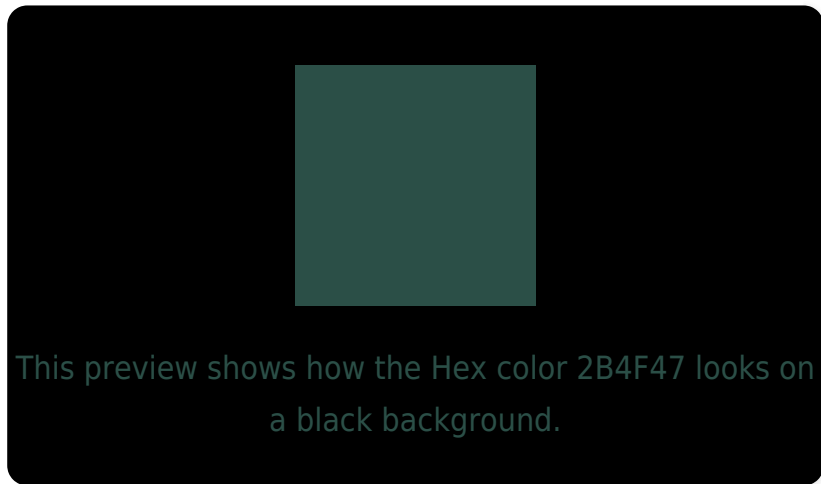
Large Text (above 18pt) WCAG AA ✓ Pass

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

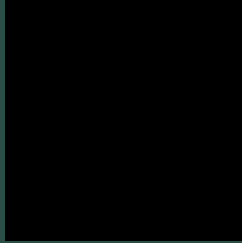
Any Text WCAG AA × Fail

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 2B4F47 Background



This preview shows how black text looks on a background with the Hex color 2B4F47.



This preview shows how white text looks on a background with the Hex color 2B4F47.

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
2B4F47

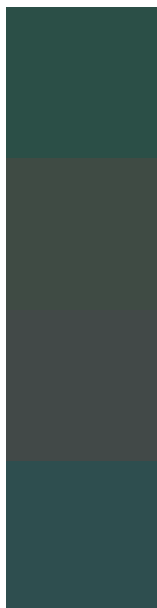
Protanopia
4B4843

Deuteranopia
4F4649



Tritanopia
2F4D53

Trichromacy



Original Color

2B4F47

Protanomaly

3F4B44

Deuteranomaly

424948

Tritanomaly

2E4E4F

Monochromacy



Original Color

2B4F47

Achromatopsia

434343

Achromatomaly

3A4744

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4F47 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 #2B4F47 looks like.

```
.text, #text, p{  
    color:#2B4F47  
}
```

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 #2B4F47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4F47  
}
```

Border

The CSS property to change the border of an element to Hex 2B4F47 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  
#2B4F47 }
```

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

```
.border{ border-color:#2B4F47 }
```

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

Here you see how a box with a 4 pixel #2B4F47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4F47; -webkit-box-shadow:4px 4px  
4px 4px #2B4F47; box-shadow:4px 4px 4px  
4px #2B4F47 }
```

Background

The CSS property to change the background color of an element to Hex 2B4F47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4F47 }
```

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

```
.background{ background-color:#2B4F47 }
```

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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