

Converting Colors

Hex(2B4C31)

Have a look what the booklet for
Hex(2B4C31) contains.

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Color

Hex(2B4C31)

Conversions

Conversions Part 1

Format	Color
Hex	2B4C31
RGB	43, 76, 49
RGB Percent	17%, 30%, 19%
CMY	0.8314, 0.7020, 0.8078
CMYK	0.43, 0.00, 0.36, 0.70
HSL	131°, 28%, 23%
HSV	131°, 43%, 30%
XYZ	4.1351, 5.9042, 3.8274
YIQ	63.0550, -11.0010, -15.3930

Conversions

Conversions Part 2

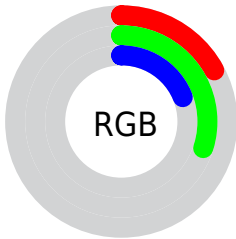
Format	Color
RYB	43, 71, 76
Decimal	2837553
CIELab	29.17, -18.84, 12.36
CIELCh	29, 22.536, 146.730
Yxy	5.9042, 0.2982, 0.4258
Android (android.graphics.Color)	4281027633 (0xFF2B4C31)
YUV	63.0550, -6.9291, -17.5882
Hunter-Lab	24.2986, -12.1459, 7.6699

Details

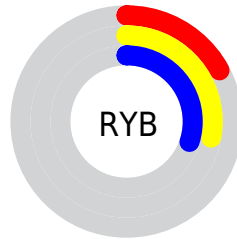
The Hex color **2B4C31** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4C2B46**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5A7D5F**, and **002002** is the 20% darker color. If you saturate the color by 10%, you get **234C2B**, and if you desaturate by 10%, it is **334C37**.

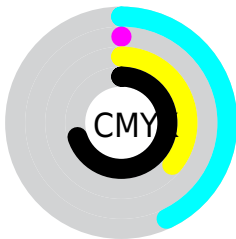
Distribution



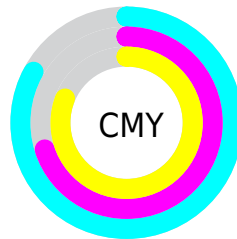
- Red (17%)
- Green (30%)
- Blue (19%)



- Red (17%)
- Yellow (28%)
- Blue (30%)



- Cyan (43%)
- Magenta (0%)
- Yellow (36%)
- Black (70%)



- Cyan (83%)
- Magenta (70%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4C31 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 2B4C31 by changing the saturation by 10% instead.



2B4C31



2B4C31

FFFFFF



14351C



5A7D5F



002002



739778



000000



8DB292



A8CEAC



C3EAC8



DFFFE4



FCFFFF



2B4C31



2B4C31

■ 234C2B

■ 334C37

■ 1C4C25

■ 3A4C3D

■ 144C1E

■ 424C44

■ 0D4C18

■ 494C4A

■ 054C12

■ 514C50

■ 004C0E

■ 594C56

■ 604C5D

■ 684C63

■ 6F4C69

Harmonies

Analogous

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



404825



2B4C31



0E4E42

Triad

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



2B4C31



254767



663836

Complementary

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



2B4C31



4C2B46

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.



643747



2B4C31



444164

Square

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



2B4C31



004B61



593B58



5F3D28

Rectangle

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



2B4C31



004E4E



593B58



66373C

Sweetspot

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



2B4C31



576359



464C2B



2B332C



B3B3B3



333333

Same Dimension

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



2B4C31



306339



2B4C41



222623



006613



00E62A

Inverse Universe

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



4C2B46



63305A



4C2B36



262226



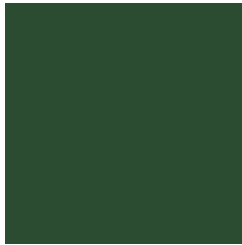
660053



E600BC

Previews

White Background



This preview shows how the Hex color 2B4C31 looks on a white background.

Color Contrast Check

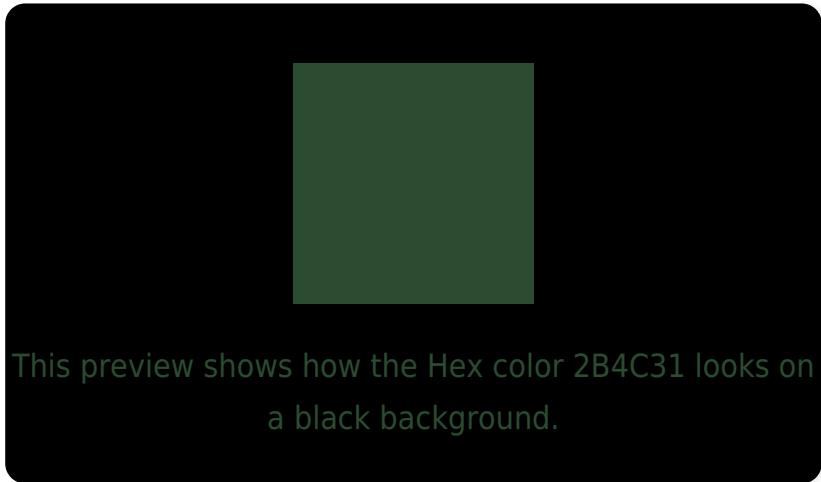
Large Text (above 18pt) WCAG AA ✓ Pass

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

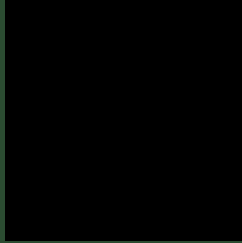
Any Text WCAG AA × Fail

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 2B4C31 Background



This preview shows how black text looks on a background with the Hex color 2B4C31.



This preview shows how white text looks on a background with the Hex color 2B4C31.

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
2B4C31

Protanopia
4A452E

Deuteranopia
514233



Tritanopia
31484E

Trichromacy



Original Color
2B4C31

Protanomaly
3F482F

Deuteranomaly
434632

Tritanomaly
2F4943

Monochromacy



Original Color
2B4C31

Achromatopsia
3F3F3F

Achromatomaly
38443A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4C31 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 #2B4C31 looks like.

```
.text, #text, p{  
    color:#2B4C31  
}
```

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 #2B4C31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4C31
}
```

Border

The CSS property to change the border of an element to Hex 2B4C31 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
#2B4C31 }
```

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

```
.border{ border-color:#2B4C31 }
```

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

Here you see how a box with a 4 pixel #2B4C31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4C31; -webkit-box-shadow:4px 4px  
4px 4px #2B4C31; box-shadow:4px 4px 4px  
4px #2B4C31 }
```

Background

The CSS property to change the background color of an element to Hex 2B4C31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4C31 }
```

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

```
.background{ background-color:#2B4C31 }
```

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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