

Converting Colors

Hex(2B4E30)

Have a look what the booklet for
Hex(2B4E30) contains.

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Color

Hex(2B4E30)

Conversions

Conversions Part 1

Format	Color
Hex	2B4E30
RGB	43, 78, 48
RGB Percent	17%, 31%, 19%
CMY	0.8314, 0.6941, 0.8118
CMYK	0.45, 0.00, 0.38, 0.69
HSL	129°, 29%, 24%
HSV	129°, 45%, 31%
XYZ	4.2542, 6.1758, 3.7641
YIQ	64.1150, -11.2300, -16.7500

Conversions

Conversions Part 2

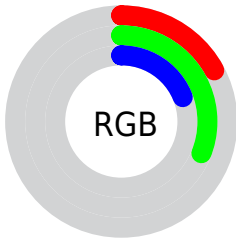
Format	Color
RYB	43, 74, 78
Decimal	2838064
CIELab	29.85, -20.11, 13.90
CIELCh	30, 24.448, 145.345
Yxy	6.1758, 0.2997, 0.4351
Android (android.graphics.Color)	4281028144 (0xFF2B4E30)
YUV	64.1150, -7.9447, -18.5179
Hunter-Lab	24.8511, -12.9328, 8.4153

Details

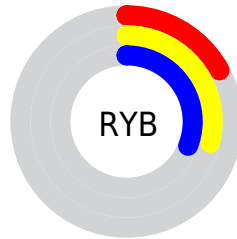
The Hex color **2B4E30** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4E2B49**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **5B7F5E**, and **002101** is the 20% darker color. If you saturate the color by 10%, you get **234E29**, and if you desaturate by 10%, it is **334E37**.

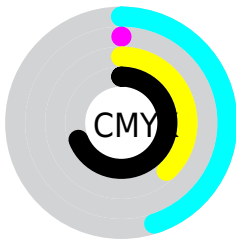
Distribution



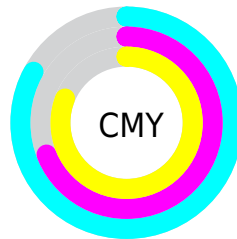
- Red (17%)
- Green (31%)
- Blue (19%)



- Red (17%)
- Yellow (29%)
- Blue (31%)



- Cyan (45%)
- Magenta (0%)
- Yellow (38%)
- Black (69%)



- Cyan (83%)
- Magenta (69%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4E30 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 2B4E30 by changing the saturation by 10% instead.

 2B4E30

 2B4E30

FFFFFF

 14371B

 5B7F5E

 002101

 749977

 000000

 8EB491

 A8D0AB

 C4ECC7

 E0FFE3

 F0FFFF

 2B4E30

 2B4E30

■ 234E29

■ 334E37

■ 1B4E23

■ 3B4E3D

■ 144E1C

■ 424E44

■ 0C4E15

■ 4A4E4B

■ 044E0F

■ 524E51

■ 004E0B

■ 5A4E58

■ 624E5F

■ 694E65

■ 714E6C

Harmonies

Analogous

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



424A23



2B4E30



075043

Triad

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



2B4E30



20496C



6A3837

Complementary

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



2B4E30



4E2B49

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.



68374A



2B4E30



434269

Square

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



2B4E30



004E65



5B3B5C



633D28

Rectangle

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



2B4E30



005050



5B3B5C



6B373D

Sweetspot

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



2B4E30



59665B



494E2B



2B332C



B3B3B3



333333

Same Dimension

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



2B4E30



2F6637



2B4E41



222623



00660F



00E621

Inverse Universe

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



4E2B49



662F5E



4E2B38



262226



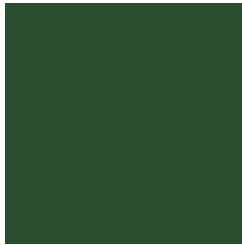
660057



E600C5

Previews

White Background



This preview shows how the Hex color 2B4E30 looks on a white background.

Color Contrast Check

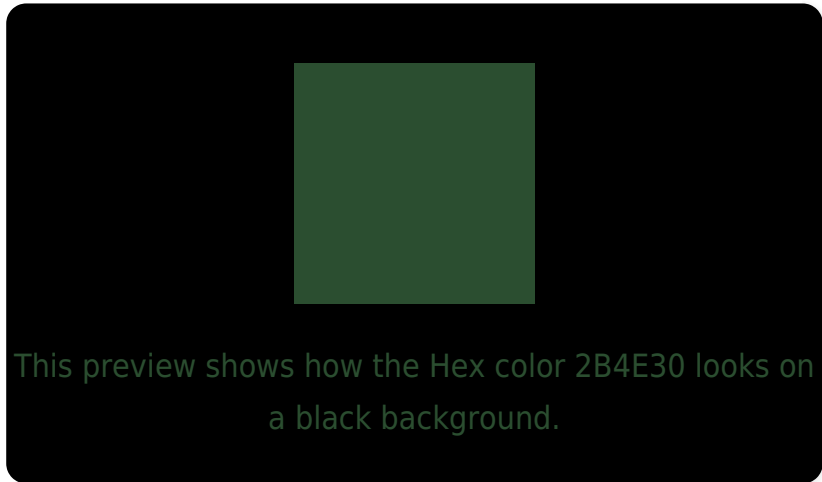
Large Text (above 18pt) WCAG AA ✓ Pass

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

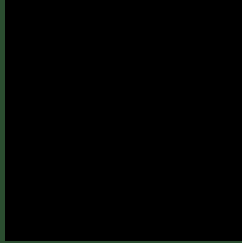
Any Text WCAG AA × Fail

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 2B4E30 Background



This preview shows how black text looks on a background with the Hex color 2B4E30.



This preview shows how white text looks on a background with the Hex color 2B4E30.

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](#).

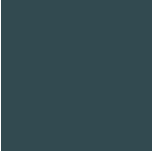
Dichromacy



Original Color
2B4E30

Protanopia
4C462D

Deuteranopia
534332



Tritanopia
324A50

Trichromacy



Original Color
2B4E30

Protanomaly
40492E

Deuteranomaly
444731

Tritanomaly
2F4B44

Monochromacy



Original Color
2B4E30

Achromatopsia
404040

Achromatomaly
38453A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4E30 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 #2B4E30 looks like.

```
.text, #text, p{  
    color:#2B4E30  
}
```

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 #2B4E30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4E30
}
```

Border

The CSS property to change the border of an element to Hex 2B4E30 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".

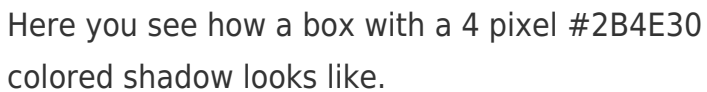
```
.border, #border, table{ border:4px solid
#2B4E30 }
```

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

```
.border{ border-color:#2B4E30 }
```

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

Here you see how a box with a 4 pixel #2B4E30 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4E30; -webkit-box-shadow:4px 4px  
4px 4px #2B4E30; box-shadow:4px 4px 4px  
4px #2B4E30 }
```

Background

The CSS property to change the background color of an element to Hex 2B4E30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4E30 }
```

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

```
.background{ background-color:#2B4E30 }
```

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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