

Converting Colors

Hex(2B4D4B)

Have a look what the booklet for
Hex(2B4D4B) contains.

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Color

Hex(2B4D4B)

Conversions

Conversions Part 1

Format	Color
Hex	2B4D4B
RGB	43, 77, 75
RGB Percent	17%, 30%, 29%
CMY	0.8314, 0.6980, 0.7059
CMYK	0.44, 0.00, 0.03, 0.70
HSL	176°, 28%, 24%
HSV	176°, 44%, 30%
XYZ	4.9201, 6.3293, 7.6190
YIQ	66.6060, -19.6220, -7.8300

Conversions

Conversions Part 2

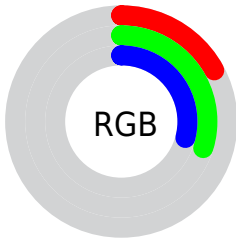
Format	Color
RYB	43, 61, 77
Decimal	2837835
CIELab	30.23, -12.92, -2.71
CIElCh	30, 13.198, 191.853
Yxy	6.3293, 0.2608, 0.3354
Android (android.graphics.Color)	4281027915 (0xFF2B4D4B)
YUV	66.6060, 4.1382, -20.7025
Hunter-Lab	25.1582, -9.1179, -0.3448

Details

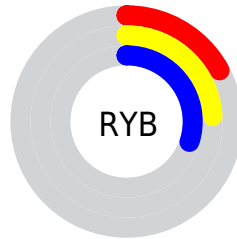
The Hex color **2B4D4B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4D2B2D**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5B7E7C**, and **00211F** is the 20% darker color. If you saturate the color by 10%, you get **234D4B**, and if you desaturate by 10%, it is **334D4B**.

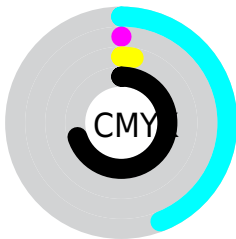
Distribution



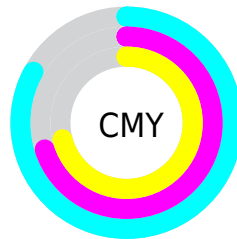
- Red (17%)
- Green (30%)
- Blue (29%)



- Red (17%)
- Yellow (24%)
- Blue (30%)



- Cyan (44%)
- Magenta (0%)
- Yellow (3%)
- Black (70%)



- Cyan (83%)
- Magenta (70%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4D4B 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 2B4D4B by changing the saturation by 10% instead.

■ 2B4D4B

■ 2B4D4B

FFFFFF

■ 143634

■ 5B7E7C

■ 00211F

■ 749895

■ 000207

■ 8EB3B0

■ 000000

■ A9CECC

■ C4EBE8

■ E1FFFF

■ FDFFFF

■ 2B4D4B

■ 2B4D4B

■ 234D4B

■ 334D4B

■ 1C4D4A

■ 3A4D4C

■ 144D4A

■ 424D4C

■ 0C4D49

■ 4A4D4D

■ 054D49

■ 524D4D

■ 004D48

■ 594D4E

■ 614D4E

■ 694D4F

■ 704D4F

Harmonies

Analogous

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



344C40



2B4D4B



2A4C54

Triad

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



2B4D4B



4E4356



544434

Complementary

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



2B4D4B



4D2B2D

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.



5B413A



2B4D4B



58404E

Square

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



2B4D4B



40475B



5C4043



4B4833

Rectangle

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



2B4D4B



2F4B59



5C4043



574335

Sweetspot

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



2B4D4B



576363



2D4D2B



2B3333



B3B3B3



333333

Same Dimension

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



2B4D4B



2F6360



2B3E4D



222626



006660



00E6D8

Inverse Universe

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



4D2B2D



632F32



4D3A2B



262223



660006



E6000D

Previews

White Background



This preview shows how the Hex color 2B4D4B looks on a white background.

Color Contrast Check

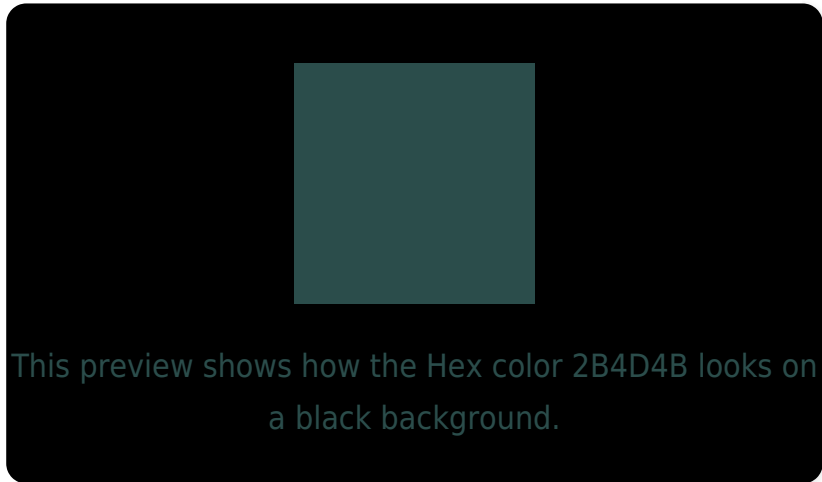
Large Text (above 18pt) WCAG AA ✓ Pass

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 2B4D4B Background



This preview shows how black text looks on a background with the Hex color 2B4D4B.



This preview shows how white text looks on a background with the Hex color 2B4D4B.

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
2B4D4B

Protanopia
484747

Deuteranopia
4B454D

Trichromacy



Original Color
2B4D4B

Protanomaly
3D4948

Deuteranomaly
3F484C

Tritanomaly
2C4C4F

Monochromacy



Original Color
2B4D4B

Achromatopsia
434343

Achromatomaly
3A4746

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4D4B 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 #2B4D4B looks like.

```
.text, #text, p{  
    color:#2B4D4B  
}
```

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 #2B4D4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4D4B
}
```

Border

The CSS property to change the border of an element to Hex 2B4D4B 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".

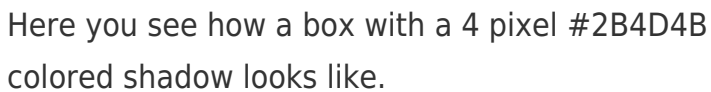
```
.border, #border, table{ border:4px solid
#2B4D4B }
```

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

```
.border{ border-color:#2B4D4B }
```

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

Here you see how a box with a 4 pixel #2B4D4B colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border and a thicker dark blue shadow on the right and bottom sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4D4B; -webkit-box-shadow:4px 4px  
4px 4px #2B4D4B; box-shadow:4px 4px 4px  
4px #2B4D4B }
```

Background

The CSS property to change the background color of an element to Hex 2B4D4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4D4B }
```

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

```
.background{ background-color:#2B4D4B }
```

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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