

Converting Colors

Hex(2B734D)

Have a look what the booklet for
Hex(2B734D) contains.

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Color

Hex(2B734D)

Conversions

Conversions Part 1

Format	Color
Hex	2B734D
RGB	43, 115, 77
RGB Percent	17%, 45%, 30%
CMY	0.8314, 0.5490, 0.6980
CMYK	0.63, 0.00, 0.33, 0.55
HSL	148°, 46%, 31%
HSV	148°, 63%, 45%
XYZ	8.4665, 13.3109, 9.1442
YIQ	89.1400, -30.7140, -27.0820

Conversions

Conversions Part 2

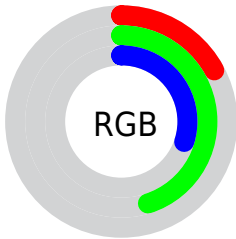
Format	Color
RYB	43, 92, 115
Decimal	2847565
CIELab	43.23, -31.99, 14.53
CIElCh	43, 35.137, 155.568
Yxy	13.3109, 0.2738, 0.4305
Android (android.graphics.Color)	4281037645 (0xFF2B734D)
YUV	89.1400, -5.9850, -40.4648
Hunter-Lab	36.4841, -22.4242, 10.6787

Details

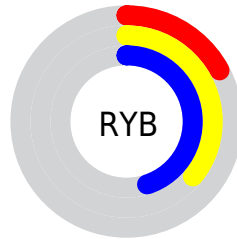
The Hex color **2B734D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **732B51**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **60A87E**, and **004220** is the 20% darker color. If you saturate the color by 10%, you get **207347**, and if you desaturate by 10%, it is **377353**.

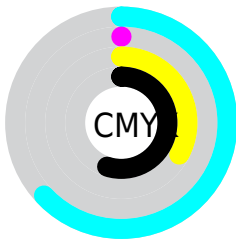
Distribution



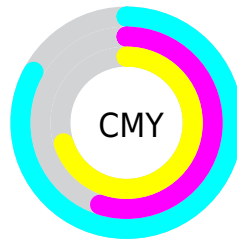
- Red (17%)
- Green (45%)
- Blue (30%)



- Red (17%)
- Yellow (36%)
- Blue (45%)



- Cyan (63%)
- Magenta (0%)
- Yellow (33%)
- Black (55%)



- Cyan (83%)
- Magenta (55%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B734D 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 2B734D by changing the saturation by 10% instead.

 2B734D

 2B734D

FFFFFF

 0A5A36

 60A87E

 004220

 7BC398

 002B0B

 96DFB3

 001300

 B2FCCF

 000000

 CEFFEB

 EBFFFF

 2B734D

 2B734D

 207347

 377353

■ 147341

■ 427359

■ 09733B

■ 4E735F

■ 007336

■ 597365

■ 65736B

■ 707371

■ 7C7377

■ 87737E

■ 937384

Harmonies

Analogous

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



546E35



2B734D



00756B

Triad

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



2B734D



3D67A0



9A5246

Complementary

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



2B734D



732B51

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.



9C4D62



2B734D



6F5C96

Square

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



2B734D



00709B



8E527F



8A5C31

Rectangle

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



2B734D



00757E



8E527F



9C504F

Sweetspot

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



2B734D



7A9687



51732B



3B4D43



CCCCCC



4D4D4D

Same Dimension

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



2B734D



26965B



2B7371



353B38



007A3A



00FA76

Inverse Universe

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



732B51



962661



732B2D



3B3538



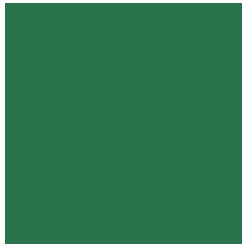
7A0041



FA0084

Previews

White Background



This preview shows how the Hex color 2B734D looks on a white background.

Color Contrast Check

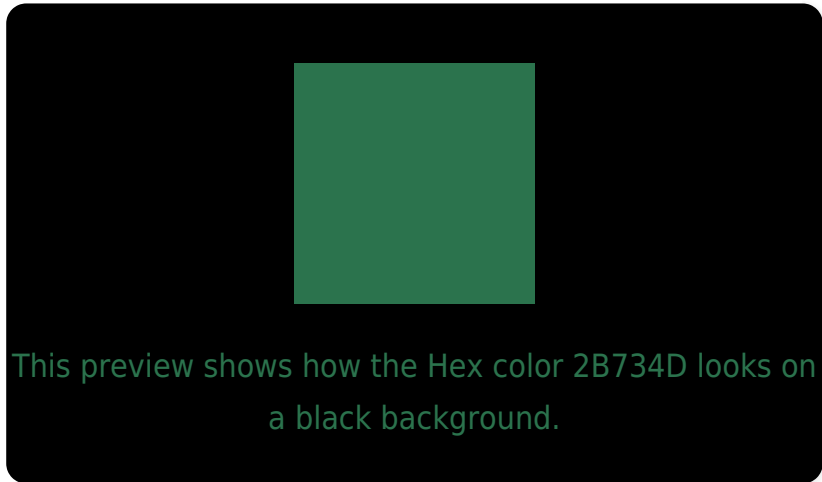
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

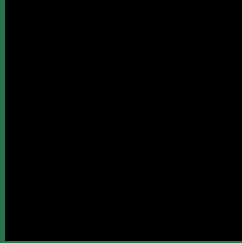
Any Text WCAG AA × Fail

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 2B734D Background



This preview shows how black text looks on a background with the Hex color 2B734D.



This preview shows how white text looks on a background with the Hex color 2B734D.

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
2B734D

Protanopia
6E6647

Deuteranopia
766251



Tritanopia
396E77

Trichromacy



Original Color
2B734D

Protanomaly
566B49

Deuteranomaly
5B6850

Tritanomaly
347068

Monochromacy



Original Color
2B734D

Achromatopsia
595959

Achromatomaly
486255

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B734D 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 #2B734D looks like.

```
.text, #text, p{  
    color:#2B734D  
}
```

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 #2B734D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B734D
}
```

Border

The CSS property to change the border of an element to Hex 2B734D 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
#2B734D }
```

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

```
.border{ border-color:#2B734D }
```

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

Here you see how a box with a 4 pixel #2B734D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B734D; -webkit-box-shadow:4px 4px  
4px 4px #2B734D; box-shadow:4px 4px 4px  
4px #2B734D }
```

Background

The CSS property to change the background color of an element to Hex 2B734D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B734D }
```

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

```
.background{ background-color:#2B734D }
```

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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