

Converting Colors

Hex(2F4B2D)

Have a look what the booklet for
Hex(2F4B2D) contains.

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Color

Hex(2F4B2D)

Conversions

Conversions Part 1

Format	Color
Hex	2F4B2D
RGB	47, 75, 45
RGB Percent	18%, 29%, 18%
CMY	0.8157, 0.7059, 0.8235
CMYK	0.37, 0.00, 0.40, 0.71
HSL	116°, 25%, 24%
HSV	116°, 40%, 29%
XYZ	4.1620, 5.8260, 3.3878
YIQ	63.2080, -7.0580, -15.2660

Conversions

Conversions Part 2

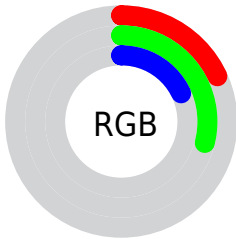
Format	Color
RYB	45, 75, 73
Decimal	3099437
CIELab	28.97, -17.60, 14.63
CIELCh	29, 22.883, 140.264
Yxy	5.8260, 0.3112, 0.4356
Android (android.graphics.Color)	4281289517 (0xFF2F4B2D)
YUV	63.2080, -8.9765, -14.2144
Hunter-Lab	24.1370, -11.4605, 8.5742

Details

The Hex color **2F4B2D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **492D4B**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5E7C5B**, and **031F00** is the 20% darker color. If you saturate the color by 10%, you get **284B26**, and if you desaturate by 10%, it is **364B35**.

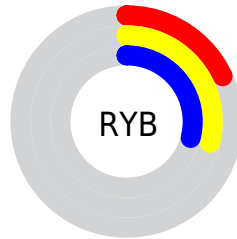
Distribution



 Red (18%)

 Green (29%)

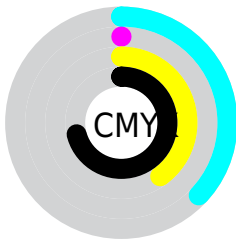
 Blue (18%)



 Red (18%)

 Yellow (29%)

 Blue (29%)

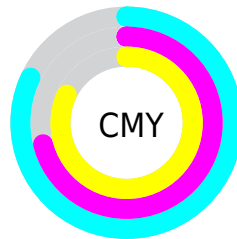


 Cyan (37%)

 Magenta (0%)

 Yellow (40%)

 Black (71%)



 Cyan (82%)

 Magenta (71%)

 Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F4B2D 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 2F4B2D by changing the saturation by 10% instead.

 2F4B2D

 2F4B2D

FFFFFF

 193418

 5E7C5B

 031F00

 779674

 000000

 91B18D

 ACCCA8

 C8E8C3

 E4FFDF

 FFFFFC

 2F4B2D

 2F4B2D

■ 284B26

■ 364B35

■ 214B1E

■ 3D4B3C

■ 1A4B17

■ 444B44

■ 134B0F

■ 4B4B4B

■ 0C4B07

■ 524B53

■ 054B00

■ 594B5A

■ 604B62

■ 674B69

■ 6E4B71

Harmonies

Analogous

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



434722



2F4B2D



144D3E

Triad

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



2F4B2D



1C4867



663739

Complementary

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



2F4B2D



492D4B

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.



63374B



2F4B2D



3D4265

Square

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



2F4B2D



004C5F



553B5B



613B2A

Rectangle

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



2F4B2D



004E4A



553B5B



66363F

Sweetspot

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



2F4B2D



566155



4B492D



2A302A



B0B0B0



303030

Same Dimension

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



2F4B2D



356132



2D4B3A



232622



076600



0FE600

Inverse Universe

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



492D4B



5E3261



4B2D3E



262226



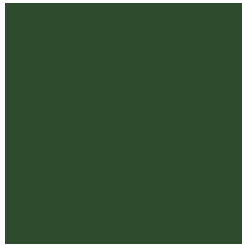
5F0066



D600E6

Previews

White Background



This preview shows how the Hex color 2F4B2D looks on a white background.

Color Contrast Check

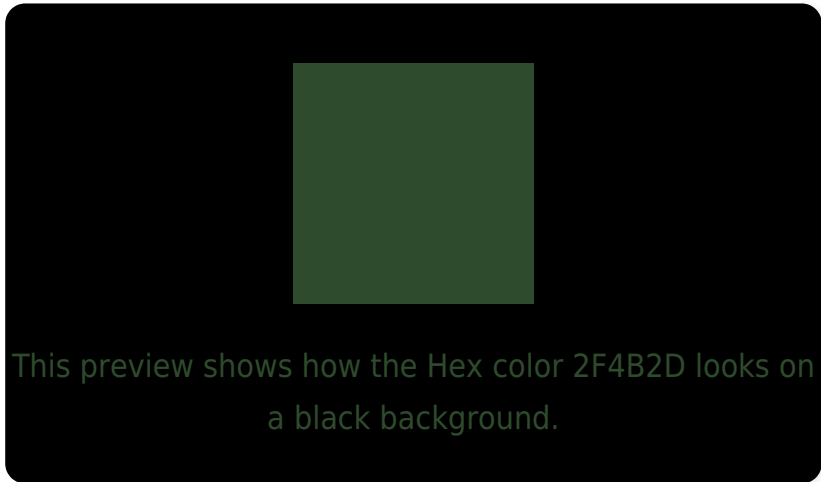
Large Text (above 18pt) WCAG AA ✓ Pass

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

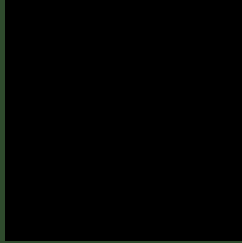
Any Text WCAG AA × Fail

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 2F4B2D Background



This preview shows how black text looks on a background with the Hex color 2F4B2D.



This preview shows how white text looks on a background with the Hex color 2F4B2D.

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](#).

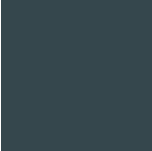
Dichromacy



Original Color
2F4B2D

Protanopia
4A442A

Deuteranopia
51412F



Tritanopia
35474D

Trichromacy



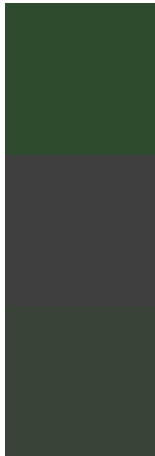
Original Color
2F4B2D

Protanomaly
40472B

Deuteranomaly
45452E

Tritanomaly
334841

Monochromacy



Original Color
2F4B2D

Achromatopsia
3F3F3F

Achromatomaly
394338

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F4B2D 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 #2F4B2D looks like.

```
.text, #text, p{  
    color:#2F4B2D  
}
```

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 #2F4B2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F4B2D
}
```

Border

The CSS property to change the border of an element to Hex 2F4B2D 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".

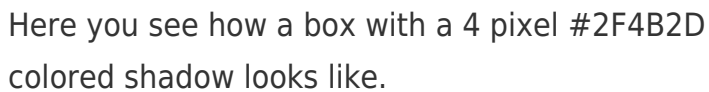
```
.border, #border, table{ border:4px solid
#2F4B2D }
```

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

```
.border{ border-color:#2F4B2D }
```

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

Here you see how a box with a 4 pixel #2F4B2D colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F4B2D; -webkit-box-shadow:4px 4px  
4px 4px #2F4B2D; box-shadow:4px 4px 4px  
4px #2F4B2D }
```

Background

The CSS property to change the background color of an element to Hex 2F4B2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F4B2D }
```

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

```
.background{ background-color:#2F4B2D }
```

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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