

Converting Colors

Hex(2B4528)

Have a look what the booklet for
Hex(2B4528) contains.

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Color

Hex(2B4528)

Conversions

Conversions Part 1

Format	Color
Hex	2B4528
RGB	43, 69, 40
RGB Percent	17%, 27%, 16%
CMY	0.8314, 0.7294, 0.8431
CMYK	0.38, 0.00, 0.42, 0.73
HSL	114°, 27%, 21%
HSV	114°, 42%, 27%
XYZ	3.5074, 4.9230, 2.7729
YIQ	57.9200, -6.1870, -14.5310

Conversions

Conversions Part 2

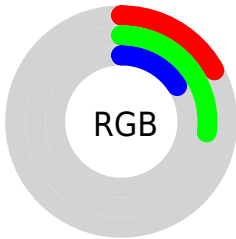
Format	Color
RYB	40, 69, 66
Decimal	2835752
CIELab	26.51, -16.79, 14.46
CIElCh	27, 22.156, 139.264
Yxy	4.9230, 0.3131, 0.4394
Android (android.graphics.Color)	4281025832 (0xFF2B4528)
YUV	57.9200, -8.8346, -13.0848
Hunter-Lab	22.1879, -10.6122, 8.1220

Details

The Hex color **2B4528** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **422845**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5A7555**, and **001B00** is the 20% darker color. If you saturate the color by 10%, you get **254521**, and if you desaturate by 10%, it is **31452F**.

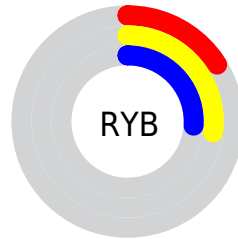
Distribution



Red (17%)

Green (27%)

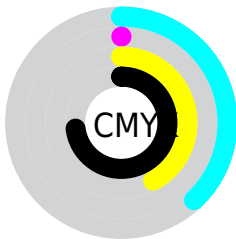
Blue (16%)



Red (16%)

Yellow (27%)

Blue (26%)

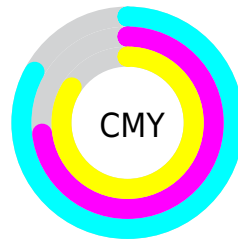


Cyan (38%)

Magenta (0%)

Yellow (42%)

Black (73%)



Cyan (83%)

Magenta (73%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4528 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 2B4528 by changing the saturation by 10% instead.



2B4528



2B4528

FFFFFF



152F13



5A7555



001B00



738F6E



000000



8CAA87



A7C5A2



C2E1BD



DEFED8



FBFFF5



2B4528



2B4528

■ 254521

■ 31452F

■ 1F451A

■ 374536

■ 184513

■ 3E453D

■ 12450C

■ 444544

■ 0C4506

■ 4A454A

■ 074500

■ 504551

■ 564558

■ 5C455F

■ 634566

Harmonies

Analogous

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



3E411E



2B4528



114738

Triad

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



2B4528



154260



5F3134

Complementary

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



2B4528



422845

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.



5B3246



2B4528



373D5F

Square

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



2B4528



004658



4E3655



5A3626

Rectangle

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



2B4528



004844



4E3655



5F313A

Sweetspot

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



2B4528



4F594E



454228



272E27



ADADAD



2E2E2E

Same Dimension

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



2B4528



31592D



284533



202420



0A6300



17E300

Inverse Universe

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



422845



552D59



45283A



232024



590063



CB00E3

Previews

White Background



This preview shows how the Hex color 2B4528 looks on a white background.

Color Contrast Check

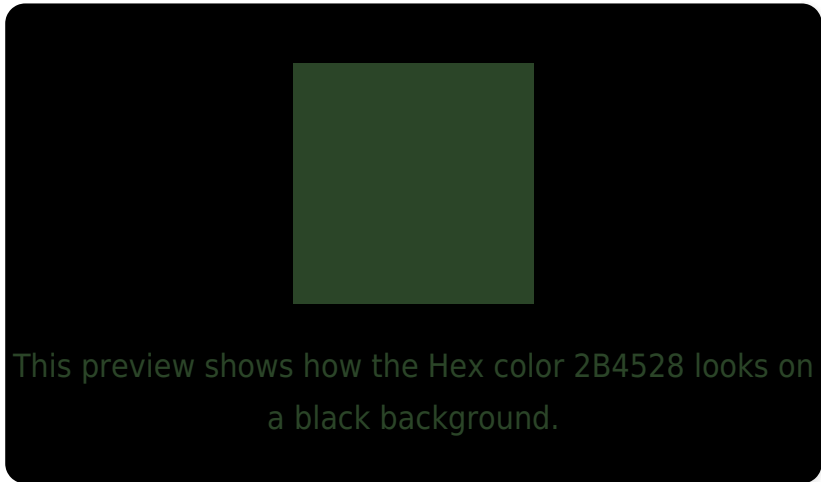
Large Text (above 18pt) WCAG AA ✓ Pass

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

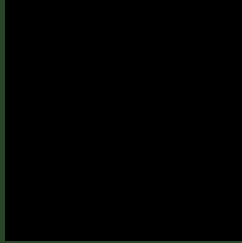
Any Text WCAG AA × Fail

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 2B4528 Background



This preview shows how black text looks on a background with the Hex color 2B4528.



This preview shows how white text looks on a background with the Hex color 2B4528.

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
2B4528

Protanopia
443F26

Deuteranopia
4B3C2A



Tritanopia
314147

Trichromacy



Original Color
2B4528

Protanomaly
3B4127

Deuteranomaly
3F3F29

Tritanomaly
2F423C

Monochromacy



Original Color
2B4528

Achromatopsia
3A3A3A

Achromatomaly
353E33

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4528 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 #2B4528 looks like.

```
.text, #text, p{  
    color:#2B4528  
}
```

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 #2B4528 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4528
}
```

Border

The CSS property to change the border of an element to Hex 2B4528 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".

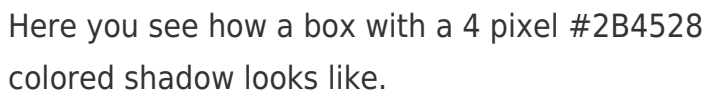
```
.border, #border, table{ border:4px solid
#2B4528 }
```

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

```
.border{ border-color:#2B4528 }
```

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

Here you see how a box with a 4 pixel #2B4528 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4528; -webkit-box-shadow:4px 4px  
4px 4px #2B4528; box-shadow:4px 4px 4px  
4px #2B4528 }
```

Background

The CSS property to change the background color of an element to Hex 2B4528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4528 }
```

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

```
.background{ background-color:#2B4528 }
```

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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