

Converting Colors

Hex(2B6540)

Have a look what the booklet for
Hex(2B6540) contains.

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Color

Hex(2B6540)

Conversions

Conversions Part 1

Format	Color
Hex	2B6540
RGB	43, 101, 64
RGB Percent	17%, 40%, 25%
CMY	0.8314, 0.6039, 0.7490
CMYK	0.57, 0.00, 0.37, 0.60
HSL	142°, 40%, 28%
HSV	142°, 57%, 40%
XYZ	6.5754, 10.1911, 6.4710
YIQ	79.4400, -22.6910, -23.8030

Conversions

Conversions Part 2

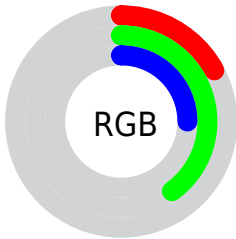
Format	Color
RYB	43, 86, 101
Decimal	2843968
CIELab	38.18, -28.29, 15.37
CIElCh	38, 32.198, 151.486
Yxy	10.1911, 0.2830, 0.4386
Android (android.graphics.Color)	4281034048 (0xFF2B6540)
YUV	79.4400, -7.6119, -31.9579
Hunter-Lab	31.9235, -19.1002, 10.3282

Details

The Hex color **2B6540** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **652B50**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **5E9870**, and **003515** is the 20% darker color. If you saturate the color by 10%, you get **21653A**, and if you desaturate by 10%, it is **356546**.

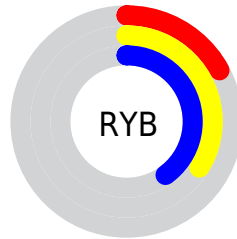
Distribution



Red (17%)

Green (40%)

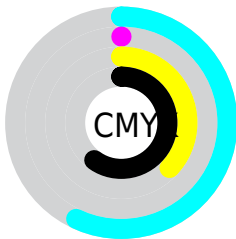
Blue (25%)



Red (17%)

Yellow (34%)

Blue (40%)

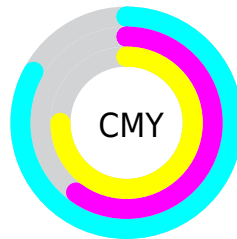


Cyan (57%)

Magenta (0%)

Yellow (37%)

Black (60%)



Cyan (83%)

Magenta (60%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B6540 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 2B6540 by changing the saturation by 10% instead.

 2B6540

 2B6540

FFFFFF

 0F4D2A

 5E9870

 003515

 78B38A

 002100

 92CFA4

 000000

 AE ECBF

 CA FFDB

 E6 FF F7

 2B6540

 2B6540

 21653A

 356546

■ 176533

■ 3F654D

■ 0D652D

■ 496553

■ 036526

■ 53655A

■ 006525

■ 5E6560

■ 686567

■ 72656D

■ 7C6574

■ 86657A

Harmonies

Analogous

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



4D602C



2B6540



00675A

Triad

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



2B6540



2D5C8E



894740

Complementary

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



2B6540



652B50

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.



89445A



2B6540



5D5386

Square

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



2B6540



006387



7B4973



7D4F2C

Rectangle

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



2B6540



00676C



7B4973



8B4548

Sweetspot

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



2B6540



6C8274



51652B



35423A



C2C2C2



424242

Same Dimension

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



2B6540



288249



2B655C



2E3330



00732A



00F258

Inverse Universe

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



652B50



822862



652B34



332E31



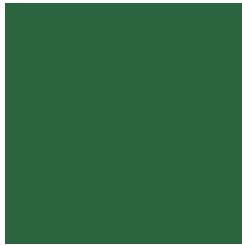
730049



F2009B

Previews

White Background



This preview shows how the Hex color 2B6540 looks on a white background.

Color Contrast Check

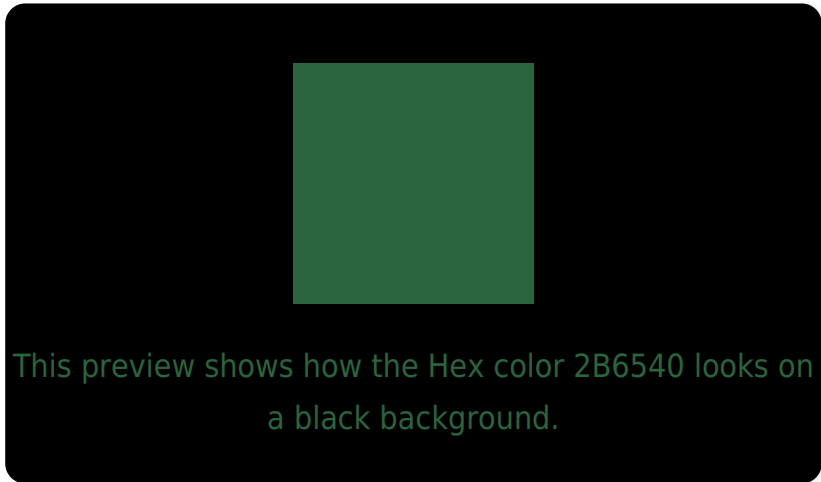
Large Text (above 18pt) WCAG AA ✓ Pass

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

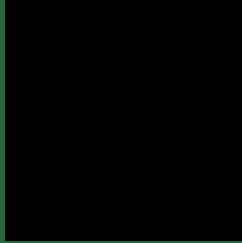
Any Text WCAG AA × Fail

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 2B6540 Background



This preview shows how black text looks on a background with the Hex color 2B6540.



This preview shows how white text looks on a background with the Hex color 2B6540.

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
2B6540

Protanopia
61593B

Deuteranopia
695643



Tritanopia
366068

Trichromacy



Original Color
2B6540

Protanomaly
4D5D3D

Deuteranomaly
525B42

Tritanomaly
326259

Monochromacy



Original Color
2B6540

Achromatopsia
4F4F4F

Achromatomaly
42574A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B6540 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 #2B6540 looks like.

```
.text, #text, p{  
    color:#2B6540  
}
```

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 #2B6540 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B6540
}
```

Border

The CSS property to change the border of an element to Hex 2B6540 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".

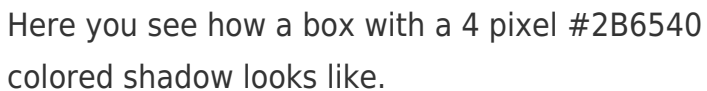
```
.border, #border, table{ border:4px solid
#2B6540 }
```

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

```
.border{ border-color:#2B6540 }
```

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

Here you see how a box with a 4 pixel #2B6540 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B6540; -webkit-box-shadow:4px 4px  
4px 4px #2B6540; box-shadow:4px 4px 4px  
4px #2B6540 }
```

Background

The CSS property to change the background color of an element to Hex 2B6540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B6540 }
```

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

```
.background{ background-color:#2B6540 }
```

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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