

Converting Colors

Hex(2B6D34)

Have a look what the booklet for
Hex(2B6D34) contains.

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Color

Hex(2B6D34)

Conversions

Conversions Part 1

Format	Color
Hex	2B6D34
RGB	43, 109, 52
RGB Percent	17%, 43%, 20%
CMY	0.8314, 0.5725, 0.7961
CMYK	0.61, 0.00, 0.52, 0.57
HSL	128°, 43%, 30%
HSV	128°, 61%, 43%
XYZ	7.0847, 11.6988, 5.1335
YIQ	82.7680, -21.0390, -31.7190

Conversions

Conversions Part 2

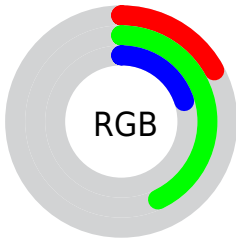
Format	Color
RYB	43, 101, 109
Decimal	2846004
CIELab	40.73, -34.11, 25.56
CIELCh	41, 42.631, 143.153
Yxy	11.6988, 0.2962, 0.4891
Android (android.graphics.Color)	4281036084 (0xFF2B6D34)
YUV	82.7680, -15.1686, -34.8765
Hunter-Lab	34.2035, -22.8826, 15.0438

Details

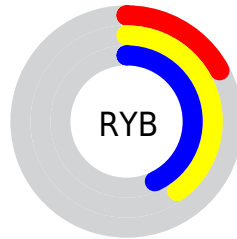
The Hex color **2B6D34** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6D2B64**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **5FA164**, and **003C06** is the 20% darker color. If you saturate the color by 10%, you get **206D2B**, and if you desaturate by 10%, it is **366D3D**.

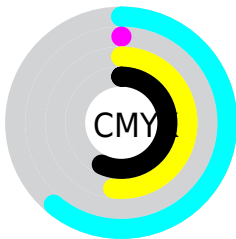
Distribution



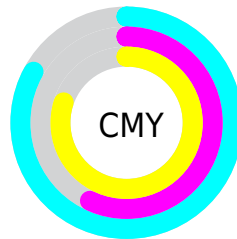
- Red (17%)
- Green (43%)
- Blue (20%)



- Red (17%)
- Yellow (40%)
- Blue (43%)



- Cyan (61%)
- Magenta (0%)
- Yellow (52%)
- Black (57%)



- Cyan (83%)
- Magenta (57%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B6D34 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 2B6D34 by changing the saturation by 10% instead.



2B6D34



2B6D34

FFFFFF



0C541D



5FA164



003C06



7ABD7D



002700



95D997



000500



B0F5B2



000000



CDFECE



E9FEEA



2B6D34



2B6D34



206D2B



366D3D

■ 156D21

■ 416D47

■ 0A6D18

■ 4C6D50

■ 006D0F

■ 576D5A

■ 626D63

■ 6C6D6C

■ 776D76

■ 826D7F

■ 8D6D89

Harmonies

Analogous

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



58661A



2B6D34



007057

Triad

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



2B6D34



0066A5



9F4247

Complementary

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



2B6D34



6D2B64

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.



9B406A



2B6D34



525AA0

Square

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



2B6D34



006E97



834B8A



924E28

Rectangle

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



2B6D34



00716F



834B8A



A04052

Sweetspot

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



2B6D34



758F79



646D2B



38473A



C7C7C7



474747

Same Dimension

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



2B6D34



278F35



2B6D55



303631



007510



00F521

Inverse Universe

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



6D2B64



8F2781



6D2B43



363035



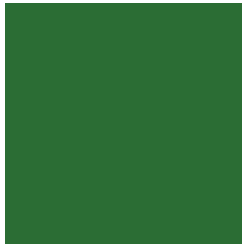
750065



F500D3

Previews

White Background



This preview shows how the Hex color 2B6D34 looks on a white background.

Color Contrast Check

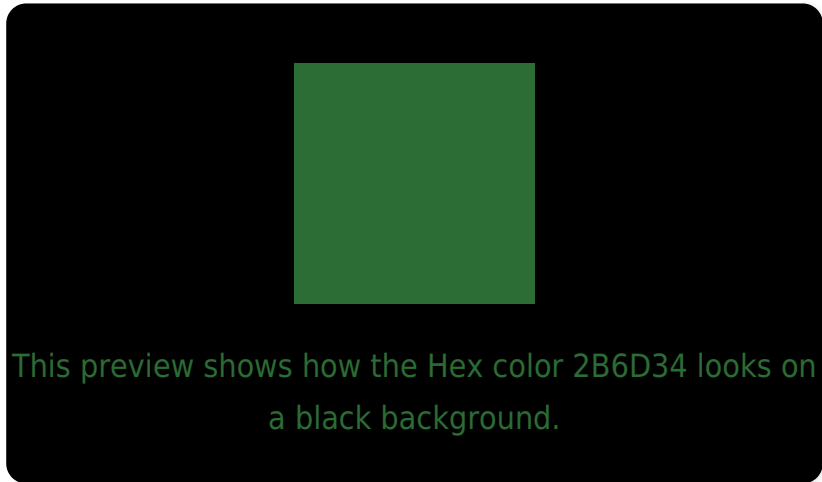
Large Text (above 18pt) WCAG AA ✓ Pass

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

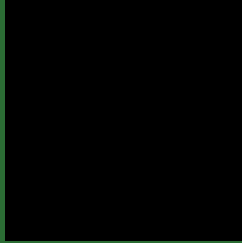
Any Text WCAG AA × Fail

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 2B6D34 Background



This preview shows how black text looks on a background with the Hex color 2B6D34.



This preview shows how white text looks on a background with the Hex color 2B6D34.

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
2B6D34

Protanopia
6A6030

Deuteranopia
745B39



Tritanopia
3A676F

Trichromacy



Original Color
2B6D34

Protanomaly
536531

Deuteranomaly
596237

Tritanomaly
35695A

Monochromacy



Original Color
2B6D34

Achromatopsia
535353

Achromatomaly
445C48

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B6D34 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 #2B6D34 looks like.

```
.text, #text, p{  
    color:#2B6D34  
}
```

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 #2B6D34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B6D34
}
```

Border

The CSS property to change the border of an element to Hex 2B6D34 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".

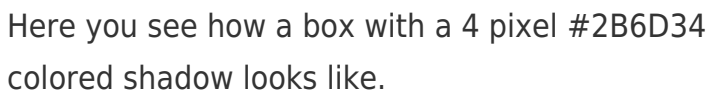
```
.border, #border, table{ border:4px solid
#2B6D34 }
```

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

```
.border{ border-color:#2B6D34 }
```

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

Here you see how a box with a 4 pixel #2B6D34 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B6D34; -webkit-box-shadow:4px 4px  
4px 4px #2B6D34; box-shadow:4px 4px 4px  
4px #2B6D34 }
```

Background

The CSS property to change the background color of an element to Hex 2B6D34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B6D34 }
```

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

```
.background{ background-color:#2B6D34 }
```

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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