

Converting Colors

Hex(2B5D3E)

Have a look what the booklet for
Hex(2B5D3E) contains.

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Color

Hex(2B5D3E)

Conversions

Conversions Part 1

Format	Color
Hex	2B5D3E
RGB	43, 93, 62
RGB Percent	17%, 36%, 24%
CMY	0.8314, 0.6353, 0.7569
CMYK	0.54, 0.00, 0.33, 0.64
HSL	143°, 37%, 27%
HSV	143°, 54%, 36%
XYZ	5.7801, 8.6901, 5.9301
YIQ	74.5160, -19.8490, -20.2410

Conversions

Conversions Part 2

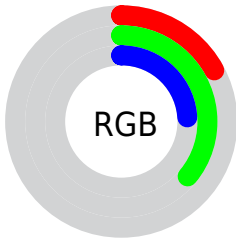
Format	Color
RYB	43, 79, 93
Decimal	2841918
CIELab	35.38, -24.84, 12.78
CIElCh	35, 27.937, 152.785
Yxy	8.6901, 0.2833, 0.4260
Android (android.graphics.Color)	4281031998 (0xFF2B5D3E)
YUV	74.5160, -6.1704, -27.6395
Hunter-Lab	29.4790, -16.5886, 8.7082

Details

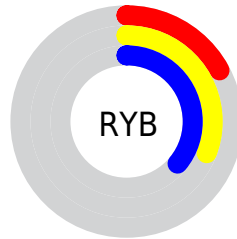
The Hex color **2B5D3E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5D2B4A**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **5D906E**, and **002E13** is the 20% darker color. If you saturate the color by 10%, you get **225D38**, and if you desaturate by 10%, it is **345D44**.

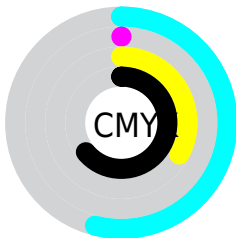
Distribution



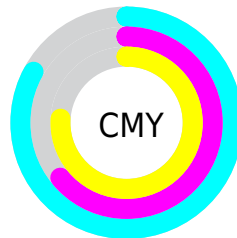
- Red (17%)
- Green (36%)
- Blue (24%)



- Red (17%)
- Yellow (31%)
- Blue (36%)



- Cyan (54%)
- Magenta (0%)
- Yellow (33%)
- Black (64%)



- Cyan (83%)
- Magenta (64%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2B5D3E 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 2B5D3E by changing the saturation by 10% instead.

 2B5D3E

 2B5D3E

FFFFFF

 114528

 5D906E

 002E13

 76AA87

 001B00

 90C6A1

 000000

 ACE2BC

 C7FFD8

 E4FFF5

 2B5D3E

 2B5D3E

 225D38

 345D44

■ 185D32

■ 3E5D4A

■ 0F5D2D

■ 475D4F

■ 065D27

■ 505D55

■ 005D23

■ 5A5D5B

■ 635D61

■ 6C5D66

■ 755D6C

■ 7F5D72

Harmonies

Analogous

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



48592C



2B5D3E



005F55

Triad

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



2B5D3E



325580



7C433C

Complementary

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



2B5D3E



5D2B4A

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.



7D4152



2B5D3E



584D79

Square

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



2B5D3E



005B7A



714568



714B2C

Rectangle

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



2B5D3E



005F64



714568



7D4243

Sweetspot

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



2B5D3E



65786C



4B5D2B



323D36



BDBDBD



3D3D3D

Same Dimension

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



2B5D3E



2A7848



2B5D56



292E2B



006E2A



00ED5A

Inverse Universe

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



5D2B4A



782A5A



5D2B32



2E292C



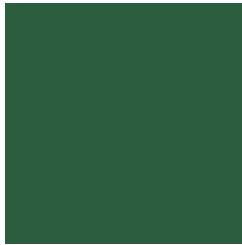
6E0044



ED0093

Previews

White Background



This preview shows how the Hex color 2B5D3E looks on a white background.

Color Contrast Check

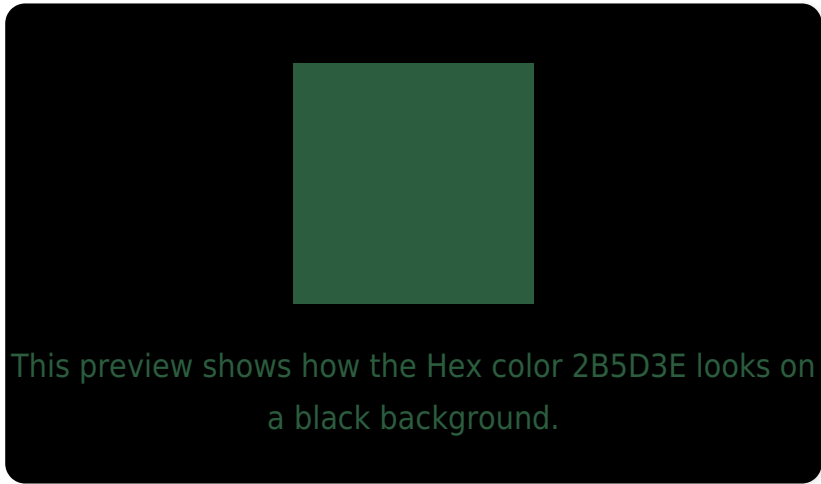
Large Text (above 18pt) WCAG AA ✓ Pass

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

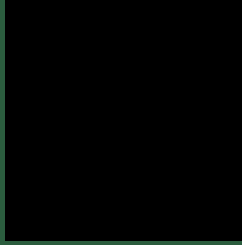
Any Text WCAG AA × Fail

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 2B5D3E Background



This preview shows how black text looks on a background with the Hex color 2B5D3E.



This preview shows how white text looks on a background with the Hex color 2B5D3E.

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
2B5D3E

Protanopia
5A533A

Deuteranopia
615041



Tritanopia
345960

Trichromacy



Original Color
2B5D3E

Protanomaly
49573B

Deuteranomaly
4D5540

Tritanomaly
315A54

Monochromacy



Original Color
2B5D3E

Achromatopsia
4B4B4B

Achromatomaly
3F5246

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B5D3E 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 #2B5D3E looks like.

```
.text, #text, p{  
    color:#2B5D3E  
}
```

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 #2B5D3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B5D3E
}
```

Border

The CSS property to change the border of an element to Hex 2B5D3E 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".

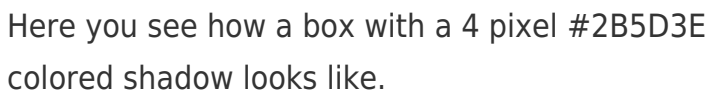
```
.border, #border, table{ border:4px solid
#2B5D3E }
```

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

```
.border{ border-color:#2B5D3E }
```

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

Here you see how a box with a 4 pixel #2B5D3E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B5D3E; -webkit-box-shadow:4px 4px  
4px 4px #2B5D3E; box-shadow:4px 4px 4px  
4px #2B5D3E }
```

Background

The CSS property to change the background color of an element to Hex 2B5D3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B5D3E }
```

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

```
.background{ background-color:#2B5D3E }
```

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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