

Converting Colors

Hex(2B6240)

Have a look what the booklet for
Hex(2B6240) contains.

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Color

Hex(2B6240)

Conversions

Conversions Part 1

Format	Color
Hex	2B6240
RGB	43, 98, 64
RGB Percent	17%, 38%, 25%
CMY	0.8314, 0.6157, 0.7490
CMYK	0.56, 0.00, 0.35, 0.62
HSL	143°, 39%, 28%
HSV	143°, 56%, 38%
XYZ	6.2894, 9.6191, 6.3757
YIQ	77.6790, -21.8660, -22.2340

Conversions

Conversions Part 2

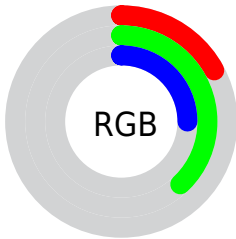
Format	Color
RYB	43, 83, 98
Decimal	2843200
CIELab	37.15, -26.86, 13.97
CIELCh	37, 30.276, 152.513
Yxy	9.6191, 0.2822, 0.4317
Android (android.graphics.Color)	4281033280 (0xFF2B6240)
YUV	77.6790, -6.7437, -30.4135
Hunter-Lab	31.0147, -18.0784, 9.5221




Details

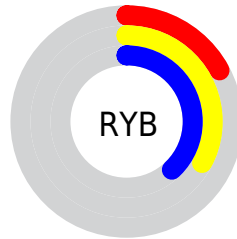
The Hex color **2B6240** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **622B4D**, and the grayscale version is **4E4E4E**.




A 20% lighter version of the original color is **5D9570**, and **003315** is the 20% darker color. If you saturate the color by 10%, you get **21623A**, and if you desaturate by 10%, it is **356246**.

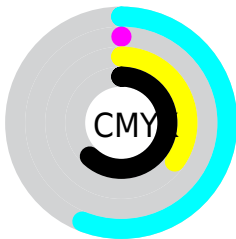
Distribution







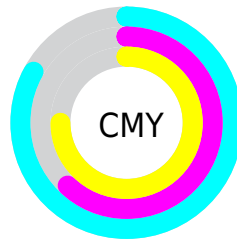
-  Red (17%)
-  Green (38%)
-  Blue (25%)






-  Red (17%)
-  Yellow (33%)
-  Blue (38%)



-  Cyan (56%)
-  Magenta (0%)
-  Yellow (35%)
-  Black (62%)



-  Cyan (83%)
-  Magenta (62%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B6240 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 2B6240 by changing the saturation by 10% instead.

 2B6240

 2B6240

FFFFFF

 104A2A


 5D9570

 003315

 77B089

 001F00

 92CCA4

 000000

 ADE8BF

 C9FFDB

 E5FFF7

 2B6240

 2B6240

 21623A

 356246

■ 176234

■ 3F624C

■ 0E622E

■ 486252

■ 046228

■ 526258

■ 006225

■ 5C625E

■ 666264

■ 70626A

■ 796270

■ 836277

Harmonies

Analogous

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



4B5E2D



2B6240



006459

Triad

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



2B6240



315988



84463F

Complementary

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



2B6240



622B4D

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.



844356



2B6240



5C5081

Square

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



2B6240



006082



77476E



784E2C

Rectangle

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



2B6240



006469



77476E



854446

Sweetspot

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



2B6240



6A8072



4E622B



334038



BFBFBF



404040

Same Dimension

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



2B6240



2A804B



2B625B



2C302D



00702B



00F05C

Inverse Universe

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



622B4D



802A5F



622B32



302C2F



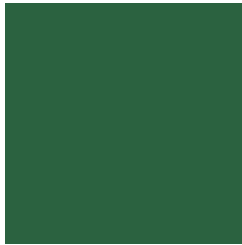
700045



F00094

Previews

White Background



This preview shows how the Hex color 2B6240 looks on a white background.

Color Contrast Check

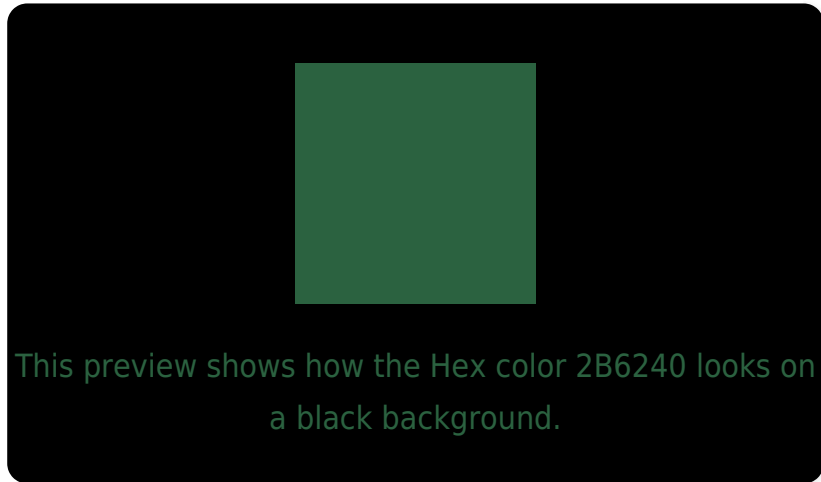
Large Text (above 18pt) WCAG AA ✓ Pass

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

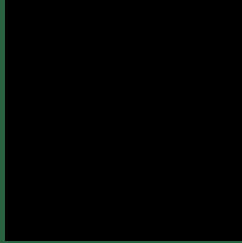
Any Text WCAG AA × Fail

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 2B6240 Background



This preview shows how black text looks on a background with the Hex color 2B6240.



This preview shows how white text looks on a background with the Hex color 2B6240.

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
2B6240

Protanopia
5E573B

Deuteranopia
665443



Tritanopia
355D65

Trichromacy



Original Color
2B6240

Protanomaly
4B5B3D

Deuteranomaly
515942

Tritanomaly
315F58

Monochromacy



Original Color
2B6240

Achromatopsia
4E4E4E

Achromatomaly
415549

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B6240 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 #2B6240 looks like.

```
.text, #text, p{  
    color:#2B6240  
}
```

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 #2B6240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B6240
}
```

Border

The CSS property to change the border of an element to Hex 2B6240 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
#2B6240 }
```

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

```
.border{ border-color:#2B6240 }
```

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

Here you see how a box with a 4 pixel #2B6240 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B6240; -webkit-box-shadow:4px 4px  
4px 4px #2B6240; box-shadow:4px 4px 4px  
4px #2B6240 }
```

Background

The CSS property to change the background color of an element to Hex 2B6240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B6240 }
```

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

```
.background{ background-color:#2B6240 }
```

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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