

Converting Colors

Hex(2B4F60)

Have a look what the booklet for
Hex(2B4F60) contains.

Hex(2B4F60)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2B4F60)

Conversions

Conversions Part 1

Format	Color
Hex	2B4F60
RGB	43, 79, 96
RGB Percent	17%, 31%, 38%
CMY	0.8314, 0.6902, 0.6235
CMYK	0.55, 0.18, 0.00, 0.62
HSL	199°, 38%, 27%
HSV	199°, 55%, 38%
XYZ	5.9036, 6.9501, 12.0967
YIQ	70.1740, -26.9130, -2.3450

Conversions

Conversions Part 2

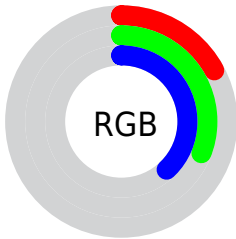
Format	Color
R_YB	43, 64, 96
Decimal	2838368
CIE Lab	31.69, -7.56, -13.92
CIE LCh	32, 15.837, 241.489
Yxy	6.9501, 0.2366, 0.2786
Android (android.graphics.Color)	4281028448 (0xFF2B4F60)
YUV	70.1740, 12.7322, -23.8316
Hunter-Lab	26.3630, -6.1631, -8.7511

Details

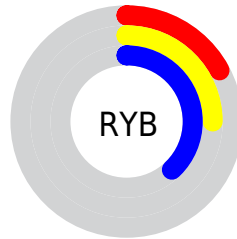
The Hex color **2B4F60** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **603C2B**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **5D8093**, and **002332** is the 20% darker color. If you saturate the color by 10%, you get **214C60**, and if you desaturate by 10%, it is **355260**.

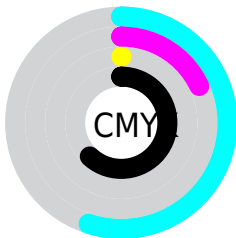
Distribution



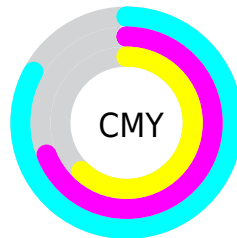
- Red (17%)
- Green (31%)
- Blue (38%)



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



- Cyan (55%)
- Magenta (18%)
- Yellow (0%)
- Black (62%)



- Cyan (83%)
- Magenta (69%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4F60 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 2B4F60 by changing the saturation by 10% instead.

■ 2B4F60

■ 2B4F60

FFFFFF

■ 113848

■ 5D8093

■ 002332

■ 779AAD

■ 000D1D

■ 91B5C9

■ 000000

■ ACD0E5

■ C8EDFF

■ E4FFFF

■ 2B4F60

■ 2B4F60

■ 214C60

■ 355260

■ 184960

■ 3E5560

■ 0E4660

■ 485860

■ 054360

■ 515B60

■ 004160

■ 5B5E60

■ 656160

■ 6E6560

■ 786860

■ 816B60

Harmonies

Analogous

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



245157



2B4F60



3C4B63

Triad

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



2B4F60



62414A



464E35

Complementary

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



2B4F60



603C2B

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.



534A32



2B4F60



63423E

Square

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



2B4F60



5B4357



5D4635



37503E

Rectangle

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



2B4F60



484962



5D4635



4A4D33

Sweetspot

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



2B4F60



68767D



2B603C



333C40



BFBFBF



404040

Same Dimension

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



2B4F60



2A627D



2B3560



2C2F30



004C70



00A3F0

Inverse Universe

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



602B4F



7D2A62



60562B



302C2F



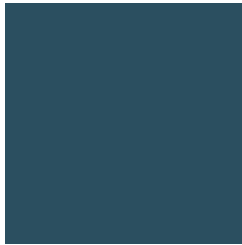
70004C



F000A3

Previews

White Background



This preview shows how the Hex color 2B4F60 looks on a white background.

Color Contrast Check

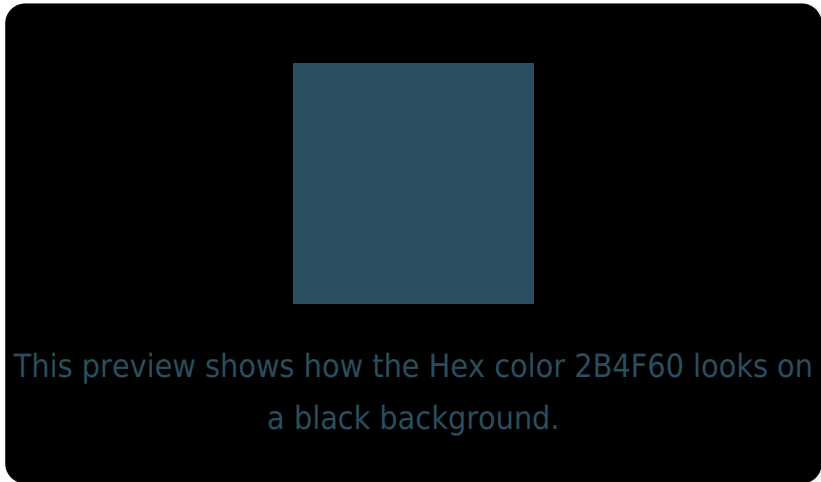
Large Text (above 18pt) WCAG AA ✓ Pass

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

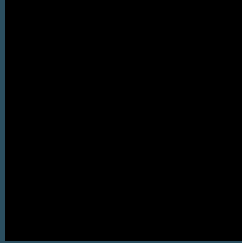
Any Text WCAG AA × Fail

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 2B4F60 Background



This preview shows how black text looks on a background with the Hex color 2B4F60.

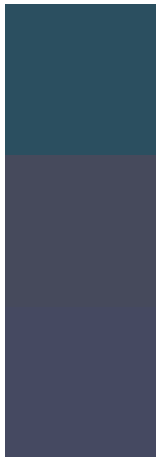


This preview shows how white text looks on a background with the Hex color 2B4F60.

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
2B4F60

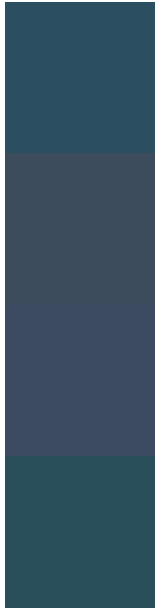
Protanopia
464A5C

Deuteranopia
454961



Tritanopia
285157

Trichromacy



Original Color
2B4F60

Protanomaly
3C4C5D

Deuteranomaly
3C4B61

Tritanomaly
29505A

Monochromacy



Original Color
2B4F60

Achromatopsia
464646

Achromatomaly
3C494F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4F60 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 #2B4F60 looks like.

```
.text, #text, p{  
    color:#2B4F60  
}
```

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 #2B4F60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4F60  
}
```

Border

The CSS property to change the border of an element to Hex 2B4F60 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  
#2B4F60 }
```

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

```
.border{ border-color:#2B4F60 }
```

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

Here you see how a box with a 4 pixel #2B4F60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4F60; -webkit-box-shadow:4px 4px  
4px 4px #2B4F60; box-shadow:4px 4px 4px  
4px #2B4F60 }
```

Background

The CSS property to change the background color of an element to Hex 2B4F60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4F60 }
```

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

```
.background{ background-color:#2B4F60 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor