

Converting Colors

Hex(2B4E54)

Have a look what the booklet for
Hex(2B4E54) contains.

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Color

Hex(2B4E54)

Conversions

Conversions Part 1

Format	Color
Hex	2B4E54
RGB	43, 78, 84
RGB Percent	17%, 31%, 33%
CMY	0.8314, 0.6941, 0.6706
CMYK	0.49, 0.07, 0.00, 0.67
HSL	189°, 32%, 25%
HSV	189°, 49%, 33%
XYZ	5.3209, 6.6025, 9.3815
YIQ	68.2190, -22.7860, -5.5540

Conversions

Conversions Part 2

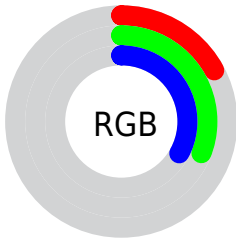
Format	Color
R_{YB}	43, 62, 84
Decimal	2838100
CIE _{Lab}	30.88, -10.81, -7.50
CIE _{LCh}	31, 13.161, 214.742
Yxy	6.6025, 0.2498, 0.3099
Android (android.graphics.Color)	4281028180 (0xFF2B4E54)
YUV	68.2190, 7.7800, -22.1171
Hunter-Lab	25.6953, -8.0036, -3.6604

Details

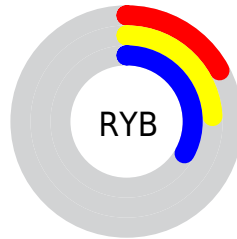
The Hex color **2B4E54** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **54312B**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5C7F85**, and **002227** is the 20% darker color. If you saturate the color by 10%, you get **234D54**, and if you desaturate by 10%, it is **334F54**.

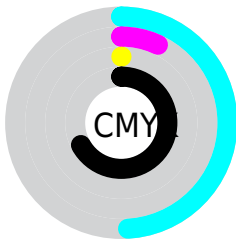
Distribution



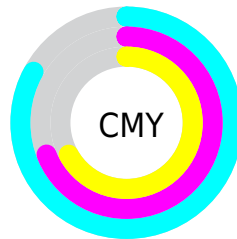
- Red (17%)
- Green (31%)
- Blue (33%)



- Red (17%)
- Yellow (24%)
- Blue (33%)



- Cyan (49%)
- Magenta (7%)
- Yellow (0%)
- Black (67%)



- Cyan (83%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4E54 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 2B4E54 by changing the saturation by 10% instead.



2B4E54



2B4E54

FFFFFF



13373D



5C7F85



002227



7599A0



000713



8FB4BB



000000



AACFD6



C6ECF3



E2FFFF



2B4E54



2B4E54



234D54



334F54

■ 1A4C54

■ 3C5054

■ 124A54

■ 445254

■ 094954

■ 4D5354

■ 014854

■ 555454

■ 004854

■ 5D5554

■ 665754

■ 6E5854

■ 775954

Harmonies

Analogous

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



2E4F4A



2B4E54



314C5B

Triad

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



2B4E54



574352



4F4934

Complementary

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



2B4E54



54312B

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.



584536



2B4E54



5D4147

Square

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



2B4E54



4C455A



5D423D



434C38

Rectangle

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



2B4E54



3A4A5D



5D423D



524734

Sweetspot

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



2B4E54



5D6B6E



2B5430



2E3738



B8B8B8



383838

Same Dimension

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



2B4E54



2D646E



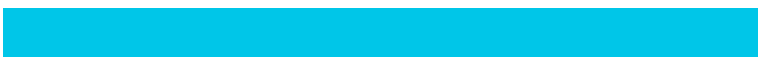
2B3A54



252829



005969



00C6E8

Inverse Universe

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



542B4E



6E2D64



54452B



292528



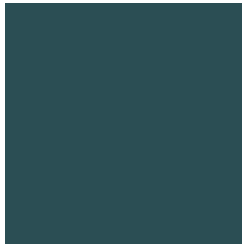
690059



E800C6

Previews

White Background



This preview shows how the Hex color 2B4E54 looks on a white background.

Color Contrast Check

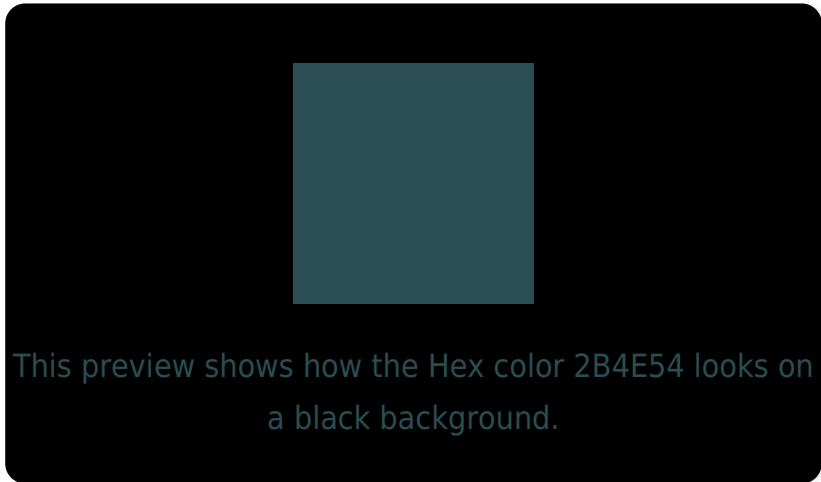
Large Text (above 18pt) WCAG AA ✓ Pass

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

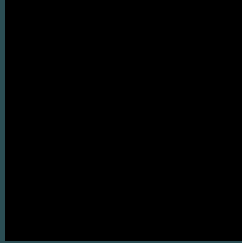
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

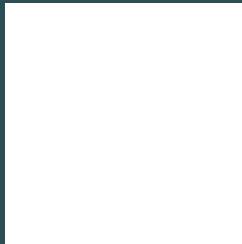
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2B4E54 Background



This preview shows how black text looks on a background with the Hex color 2B4E54.



This preview shows how white text looks on a background with the Hex color 2B4E54.

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](#).

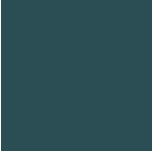
Dichromacy



Original Color
2B4E54

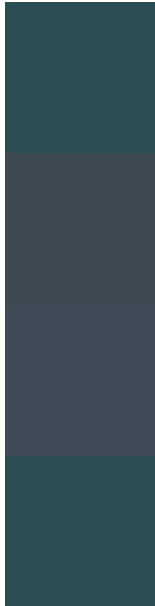
Protanopia
474850

Deuteranopia
494756



Tritanopia
2B4E54

Trichromacy



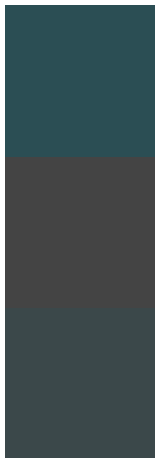
Original Color
2B4E54

Protanomaly
3D4A51

Deuteranomaly
3E4A55

Tritanomaly
2B4E54

Monochromacy



Original Color
2B4E54

Achromatopsia
444444

Achromatomaly
3B484A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4E54 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 #2B4E54 looks like.

```
.text, #text, p{  
    color:#2B4E54  
}
```

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 #2B4E54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4E54
}
```

Border

The CSS property to change the border of an element to Hex 2B4E54 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
#2B4E54 }
```

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

```
.border{ border-color:#2B4E54 }
```

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

Here you see how a box with a 4 pixel #2B4E54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4E54; -webkit-box-shadow:4px 4px  
4px 4px #2B4E54; box-shadow:4px 4px 4px  
4px #2B4E54 }
```

Background

The CSS property to change the background color of an element to Hex 2B4E54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4E54 }
```

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

```
.background{ background-color:#2B4E54 }
```

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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