

Converting Colors

Hex(2B4450)

Have a look what the booklet for
Hex(2B4450) contains.

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Color

Hex(2B4450)

Conversions

Conversions Part 1

Format	Color
Hex	2B4450
RGB	43, 68, 80
RGB Percent	17%, 27%, 31%
CMY	0.8314, 0.7333, 0.6863
CMYK	0.46, 0.15, 0.00, 0.69
HSL	199°, 30%, 24%
HSV	199°, 46%, 31%
XYZ	4.5114, 5.2270, 8.3606
YIQ	61.8930, -18.7520, -1.5680

Conversions

Conversions Part 2

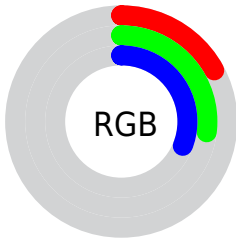
Format	Color
R_{YB}	43, 58, 80
Decimal	2835536
CIE _{Lab}	27.37, -5.91, -10.23
CIE _{LCh}	27, 11.815, 239.960
Yxy	5.2270, 0.2493, 0.2888
Android (android.graphics.Color)	4281025616 (0xFF2B4450)
YUV	61.8930, 8.9268, -16.5692
Hunter-Lab	22.8627, -4.7874, -5.6776

Details

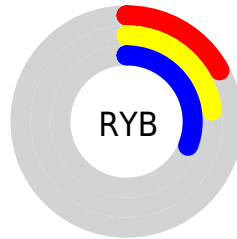
The Hex color **2B4450** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **50372B**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **5B7481**, and **001924** is the 20% darker color. If you saturate the color by 10%, you get **234150**, and if you desaturate by 10%, it is **334750**.

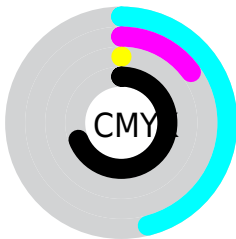
Distribution



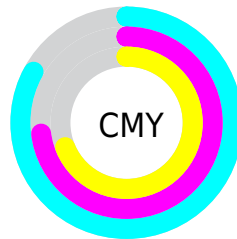
- Red (17%)
- Green (27%)
- Blue (31%)



- Red (17%)
- Yellow (23%)
- Blue (31%)



- Cyan (46%)
- Magenta (15%)
- Yellow (0%)
- Black (69%)



- Cyan (83%)
- Magenta (73%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4450 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 2B4450 by changing the saturation by 10% instead.

■ 2B4450

■ 2B4450

FFFFFF

■ 142E39

■ 5B7481

■ 001924

■ 748E9B

■ 00010E

■ 8EA8B6

■ 000000

■ A9C3D2

■ C4DFEE

■ E0FCFF

■ FDFFFF

■ 2B4450

■ 2B4450

■ 234150

■ 334750

■ 1B3F50

■ 3B4950

■ 133C50

■ 434C50

■ 0B3A50

■ 4B4E50

■ 033750

■ 535150

■ 003650

■ 5B5450

■ 635650

■ 6B5950

■ 735B50

Harmonies

Analogous

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



274549



2B4450



364153

Triad

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



2B4450



523A41



3E4331

Complementary

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



2B4450



50372B

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.



47402F



2B4450



533B38

Square

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



2B4450



4C3C4A



4F3D31



334537

Rectangle

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



2B4450



3E3F52



4F3D31



414230

Sweetspot

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



2B4450



5A6469



2B5037



2C3336



B5B5B5



363636

Same Dimension

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



2B4450



2E5669



2B3250



252729



004769



009DE8

Inverse Universe

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



502B44



692E56



50492B



292527



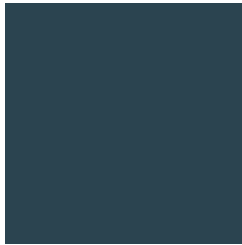
690047



E8009D

Previews

White Background



This preview shows how the Hex color 2B4450 looks on a white background.

Color Contrast Check

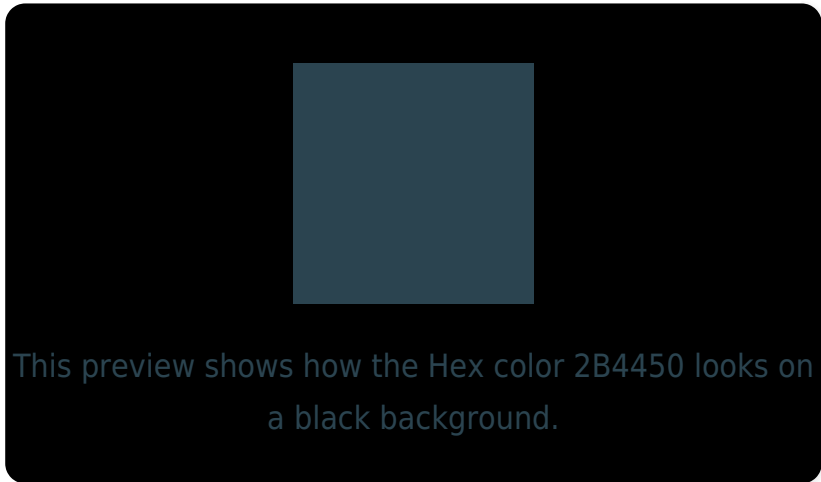
Large Text (above 18pt) WCAG AA ✓ Pass

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

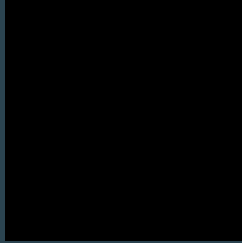
Any Text WCAG AA × Fail

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 2B4450 Background



This preview shows how black text looks on a background with the Hex color 2B4450.



This preview shows how white text looks on a background with the Hex color 2B4450.

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

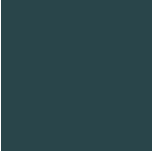
2B4450

Protanopia

3E404D

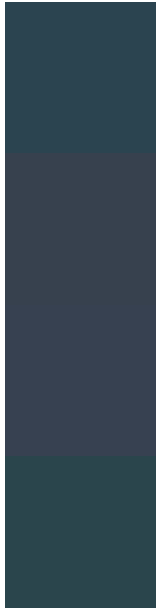
Deuteranopia

3E3F51



Tritanopia
29454A

Trichromacy



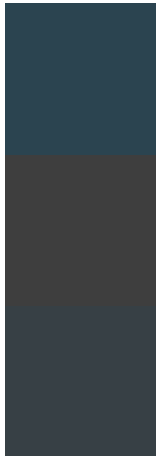
Original Color
2B4450

Protanomaly
37414E

Deuteranomaly
374151

Tritanomaly
2A454C

Monochromacy



Original Color
2B4450

Achromatopsia
3E3E3E

Achromatomaly
374045

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4450 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 #2B4450 looks like.

```
.text, #text, p{  
    color:#2B4450  
}
```

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 #2B4450 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4450
}
```

Border

The CSS property to change the border of an element to Hex 2B4450 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
#2B4450 }
```

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

```
.border{ border-color:#2B4450 }
```

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

Here you see how a box with a 4 pixel #2B4450 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4450; -webkit-box-shadow:4px 4px  
4px 4px #2B4450; box-shadow:4px 4px 4px  
4px #2B4450 }
```

Background

The CSS property to change the background color of an element to Hex 2B4450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4450 }
```

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

```
.background{ background-color:#2B4450 }
```

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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