

Converting Colors

Hex(2B4248)

Have a look what the booklet for
Hex(2B4248) contains.

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Color

Hex(2B4248)

Conversions

Conversions Part 1

Format	Color
Hex	2B4248
RGB	43, 66, 72
RGB Percent	17%, 26%, 28%
CMY	0.8314, 0.7412, 0.7176
CMYK	0.40, 0.08, 0.00, 0.72
HSL	192°, 25%, 23%
HSV	192°, 40%, 28%
XYZ	4.1142, 4.8779, 6.8556
YIQ	59.8070, -15.6340, -3.0100

Conversions

Conversions Part 2

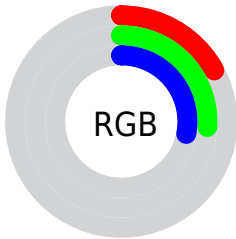
Format	Color
R_{YB}	43, 56, 72
Decimal	2835016
CIE _{Lab}	26.38, -7.13, -6.49
CIE _{LCh}	26, 9.643, 222.296
Yxy	4.8779, 0.2596, 0.3078
Android (android.graphics.Color)	4281025096 (0xFF2B4248)
YUV	59.8070, 6.0111, -14.7397
Hunter-Lab	22.0860, -5.3995, -2.9437

Details

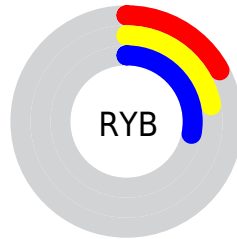
The Hex color **2B4248** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48312B**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5A7278**, and **00181D** is the 20% darker color. If you saturate the color by 10%, you get **244148**, and if you desaturate by 10%, it is **324348**.

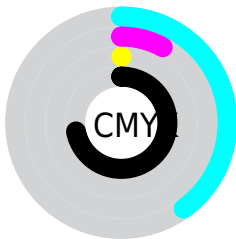
Distribution



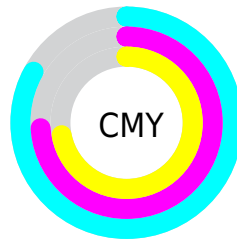
- Red (17%)
- Green (26%)
- Blue (28%)



- Red (17%)
- Yellow (22%)
- Blue (28%)



- Cyan (40%)
- Magenta (8%)
- Yellow (0%)
- Black (72%)



- Cyan (83%)
- Magenta (74%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4248 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 2B4248 by changing the saturation by 10% instead.

■ 2B4248

■ 2B4248

FFFFFF

■ 152C32

■ 5A7278

■ 00181D

■ 738B92

■ 000001

■ 8DA6AD

■ 000000

■ A7C1C8

■ C3DDE4

■ DFF9FF

■ FBFFFF

■ 2B4248

■ 2B4248

■ 244148

■ 324348

■ 1D3F48

■ 394548

■ 153E48

■ 414648

■ 0E3C48

■ 484848

■ 073B48

■ 4F4948

■ 003948

■ 564B48

■ 5D4C48

■ 654E48

■ 6C4F48

Harmonies

Analogous

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



2B4341



2B4248



31404C

Triad

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



2B4248



4A3A43



413F30

Complementary

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



2B4248



48312B

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.



483C31



2B4248



4E393C

Square

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



2B4248



433C49



4D3A35



394133

Rectangle

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



2B4248



373F4D



4D3A35



443E30

Sweetspot

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



2B4248



535C5E



2B4831



2A2F30



B0B0B0



303030

Same Dimension

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



2B4248



31555E



2B3448



202324



004F63



00B4E3

Inverse Universe

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



482B42



5E3155



483F2B



242023



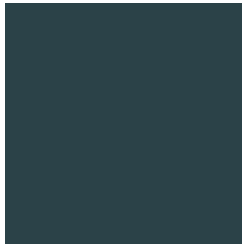
63004F



E300B4

Previews

White Background



This preview shows how the Hex color 2B4248 looks on a white background.

Color Contrast Check

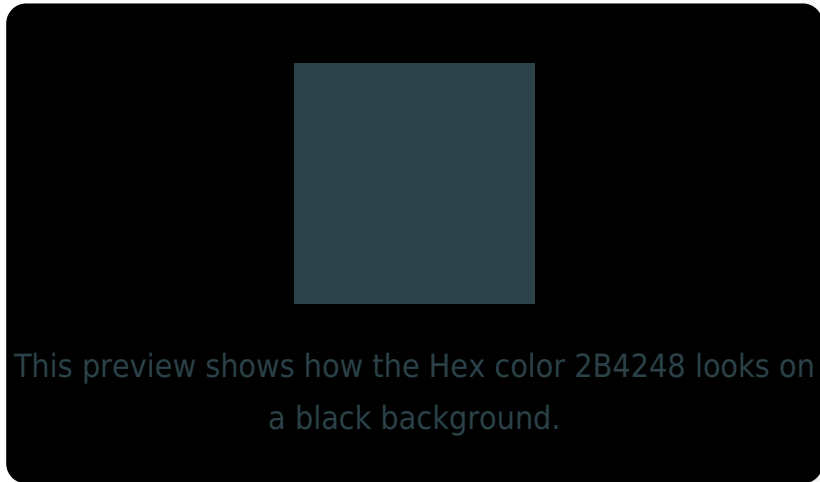
Large Text (above 18pt) WCAG AA ✓ Pass

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

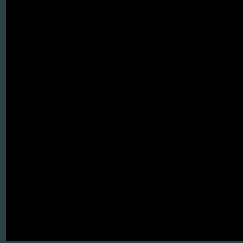
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

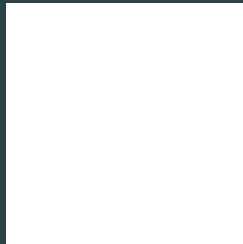
Any Text WCAG AAA × Fail

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

Hex 2B4248 Background



This preview shows how black text looks on a background with the Hex color 2B4248.



This preview shows how white text looks on a background with the Hex color 2B4248.

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
2B4248

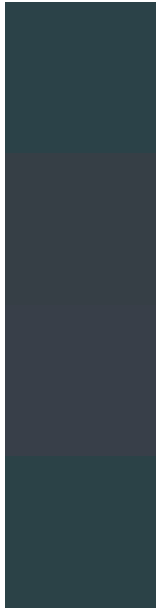
Protanopia
3D3E45

Deuteranopia
3F3D49



Tritanopia
2B4247

Trichromacy



Original Color
2B4248

Protanomaly
363F46

Deuteranomaly
383F49

Tritanomaly
2B4247

Monochromacy



Original Color
2B4248

Achromatopsia
3C3C3C

Achromatomaly
363E40

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4248 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 #2B4248 looks like.

```
.text, #text, p{  
    color:#2B4248  
}
```

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 #2B4248 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4248  
}
```

Border

The CSS property to change the border of an element to Hex 2B4248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

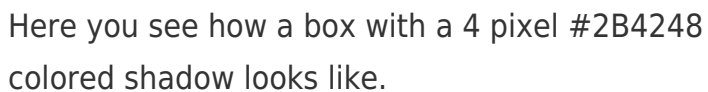
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#2B4248 }
```

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

```
.border{ border-color:#2B4248 }
```

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



Here you see how a box with a 4 pixel #2B4248 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4248; -webkit-box-shadow:4px 4px  
4px 4px #2B4248; box-shadow:4px 4px 4px  
4px #2B4248 }
```

Background

The CSS property to change the background color of an element to Hex 2B4248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4248 }
```

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

```
.background{ background-color:#2B4248 }
```

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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