

Converting Colors

Hex(2B4B4B)

Have a look what the booklet for
Hex(2B4B4B) contains.

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Color

Hex(2B4B4B)

Conversions

Conversions Part 1

Format	Color
Hex	2B4B4B
RGB	43, 75, 75
RGB Percent	17%, 29%, 29%
CMY	0.8314, 0.7059, 0.7059
CMYK	0.43, 0.00, 0.00, 0.71
HSL	180°, 27%, 23%
HSV	180°, 43%, 29%
XYZ	4.7823, 6.0537, 7.5730
YIQ	65.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

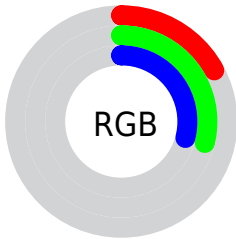
Format	Color
RYB	43, 59, 75
Decimal	2837323
CIELab	29.55, -11.74, -3.72
CIELCh	30, 12.313, 197.581
Yxy	6.0537, 0.2598, 0.3288
Android (android.graphics.Color)	4281027403 (0xFF2B4B4B)
YUV	65.4320, 4.7170, -19.6729
Hunter-Lab	24.6044, -8.3627, -1.0260




Details

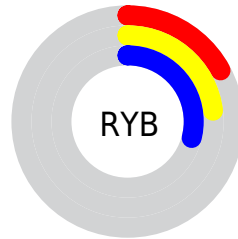
The Hex color **2B4B4B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4B2B2B**, and the grayscale version is **414141**.




A 20% lighter version of the original color is **5B7C7C**, and **001F1F** is the 20% darker color. If you saturate the color by 10%, you get **244B4B**, and if you desaturate by 10%, it is **334B4B**.

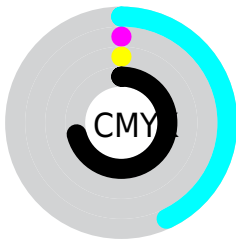
Distribution







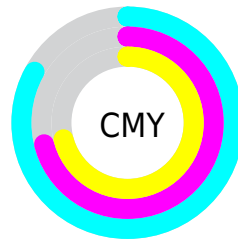
-  Red (17%)
-  Green (29%)
-  Blue (29%)






-  Red (17%)
-  Yellow (23%)
-  Blue (29%)



-  Cyan (43%)
-  Magenta (0%)
-  Yellow (0%)
-  Black (71%)



-  Cyan (83%)
-  Magenta (71%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4B4B 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 2B4B4B by changing the saturation by 10% instead.



2B4B4B



2B4B4B

FFFFFF



143434



5B7C7C



001F1F



749695



000007



8EB0B0



000000



A9CCCC



C4E8E8



E0FFFF



FDFFFF



2B4B4B



2B4B4B

■ 244B4B

■ 334B4B

■ 1C4B4B

■ 3A4B4B

■ 154B4B

■ 424B4B

■ 0D4B4B

■ 494B4B

■ 064B4B

■ 514B4B

■ 004B4B

■ 584B4B

■ 604B4B

■ 674B4B

■ 6F4B4B

Harmonies

Analogous

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



324B41



2B4B4B



2C4A53

Triad

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



2B4B4B



4E4153



504433

Complementary

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



2B4B4B



4B2B2B

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.



574138



2B4B4B



563F4A

Square

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



2B4B4B



424558



593F40



474733

Rectangle

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



2B4B4B



314957



593F40



534334

Sweetspot

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



2B4B4B



546161



2B4B2B



293030



B0B0B0



303030

Same Dimension

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



2B4B4B



2F6161



2B3B4B



222626



006666



00E6E6

Inverse Universe

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



4B2B4B



612F61



4B3B2B



262226



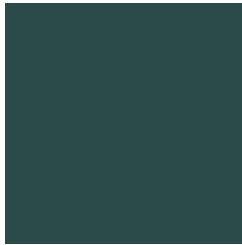
660066



E600E6

Previews

White Background



This preview shows how the Hex color 2B4B4B looks on a white background.

Color Contrast Check

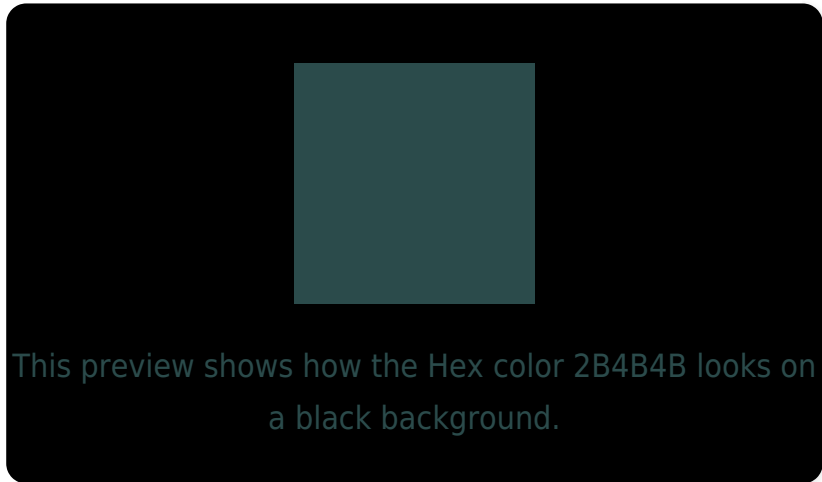
Large Text (above 18pt) WCAG AA ✓ Pass

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

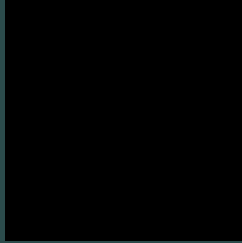
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

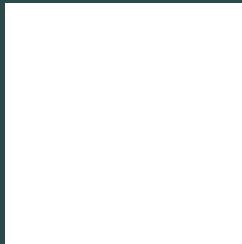
Any Text WCAG AAA × Fail

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

Hex 2B4B4B Background



This preview shows how black text looks on a background with the Hex color 2B4B4B.



This preview shows how white text looks on a background with the Hex color 2B4B4B.

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
2B4B4B

Protanopia
464547

Deuteranopia
49444D



Tritanopia
2D4A50

Trichromacy



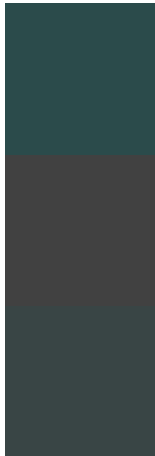
Original Color
2B4B4B

Protanomaly
3C4748

Deuteranomaly
3E474C

Tritanomaly
2C4A4E

Monochromacy



Original Color
2B4B4B

Achromatopsia
414141

Achromatomaly
394545

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4B4B 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 #2B4B4B looks like.

```
.text, #text, p{  
    color:#2B4B4B  
}
```

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 #2B4B4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4B4B
}
```

Border

The CSS property to change the border of an element to Hex 2B4B4B 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
#2B4B4B }
```

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

```
.border{ border-color:#2B4B4B }
```

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

Here you see how a box with a 4 pixel #2B4B4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4B4B; -webkit-box-shadow:4px 4px  
4px 4px #2B4B4B; box-shadow:4px 4px 4px  
4px #2B4B4B }
```

Background

The CSS property to change the background color of an element to Hex 2B4B4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4B4B }
```

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

```
.background{ background-color:#2B4B4B }
```

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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