

Converting Colors

Hex(4B4E58)

Have a look what the booklet for
Hex(4B4E58) contains.

Hex(4B4E58)	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(4B4E58)

Conversions

Conversions Part 1

Format	Color
Hex	4B4E58
RGB	75, 78, 88
RGB Percent	29%, 31%, 35%
CMY	0.7059, 0.6941, 0.6549
CMYK	0.15, 0.11, 0.00, 0.65
HSL	226°, 8%, 32%
HSV	226°, 15%, 35%
XYZ	7.3875, 7.6492, 10.3196
YIQ	78.2430, -4.9980, 2.4740

Conversions

Conversions Part 2

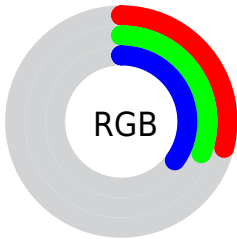
Format	Color
R_{YB}	75, 77, 88
Decimal	4935256
CIE Lab	33.24, 1.13, -6.29
CIE LCh	33, 6.389, 280.222
Yxy	7.6492, 0.2913, 0.3017
Android (android.graphics.Color)	4283125336 (0xFF4B4E58)
YUV	78.2430, 4.8102, -2.8441
Hunter-Lab	27.6572, -0.7212, -2.7625

Details

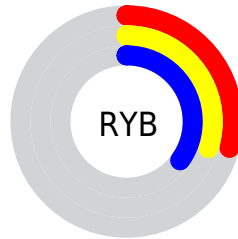
The Hex color **4B4E58** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **58554B**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7C7F8A**, and **1F222B** is the 20% darker color. If you saturate the color by 10%, you get **424758**, and if you desaturate by 10%, it is **545558**.

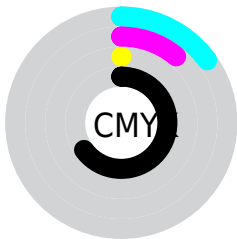
Distribution



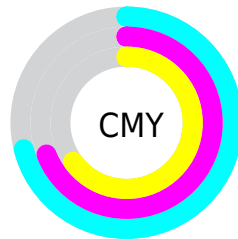
- Red (29%)
- Green (31%)
- Blue (35%)



- Red (29%)
- Yellow (30%)
- Blue (35%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (65%)



- Cyan (71%)
- Magenta (69%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B4E58 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 4B4E58 by changing the saturation by 10% instead.



4B4E58



4B4E58

FFFFFF



343741



7C7F8A



1F222B



9699A4



080B16



B0B4BF



000000



CCCFDB



E8EBF8



4B4E58



4B4E58



424758



545558



394058



5D5C58

■ 313A58

■ 656258

■ 283358

■ 6E6958

■ 1F2C58

■ 777058

■ 162558

■ 807758

■ 0D1F58

■ 897D58

■ 051858

■ 918458

■ 001458

■ 9A8B58

Harmonies

Analogous

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



455057



4B4E58



514C56

Triad

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



4B4E58



594B48



45514B

Complementary

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



4B4E58



58554B

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.



4B5046



4B4E58



564D45

Square

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



4B4E58



594B4D



514E44



425150

Rectangle

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



4B4E58



554B53



514E44



475149

Sweetspot

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



4B4E58



6E6F73



4B5855



38383B



BABABA



3B3B3B

Same Dimension

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



4B4E58



5E6373



4E4B58



27282B



00196B



0036EB

Inverse Universe

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



584B4E



735E63



55584B



2B2728



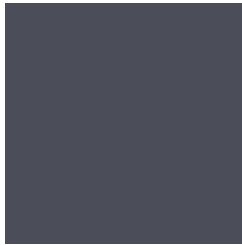
6B0019



EB0036

Previews

White Background



This preview shows how the Hex color 4B4E58 looks on a white background.

Color Contrast Check

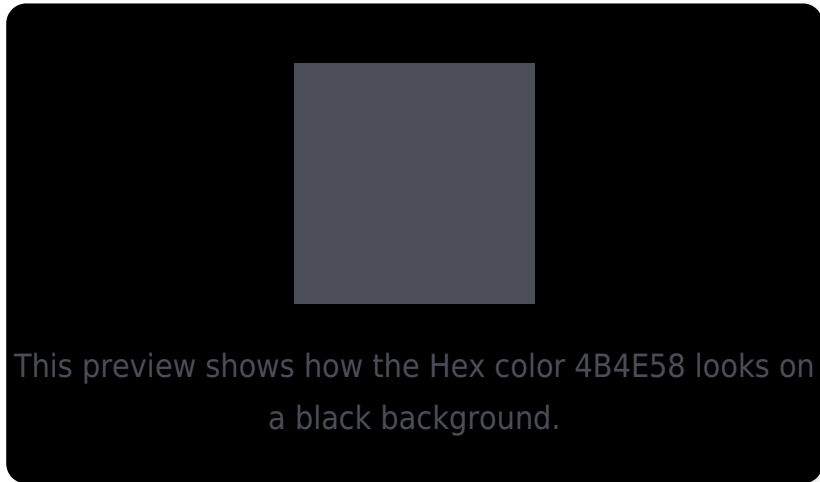
Large Text (above 18pt) WCAG AA ✓ Pass

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

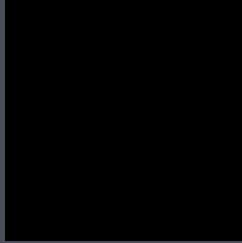
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

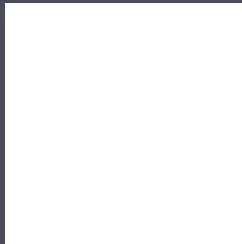
Any Text WCAG AAA × Fail

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

Hex 4B4E58 Background



This preview shows how black text looks on a background with the Hex color 4B4E58.



This preview shows how white text looks on a background with the Hex color 4B4E58.

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
4B4E58

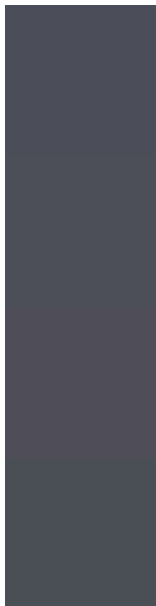
Protanopia
4D4E58

Deuteranopia
514C58



Tritanopia
4A4F55

Trichromacy



Original Color

4B4E58

Protanomaly

4C4E58

Deuteranomaly

4F4D58

Tritanomaly

4A4F56

Monochromacy



Original Color

4B4E58

Achromatopsia

4E4E4E

Achromatomaly

4D4E52

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B4E58 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 #4B4E58 looks like.

```
.text, #text, p{  
    color:#4B4E58  
}
```

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 #4B4E58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4E58
}
```

Border

The CSS property to change the border of an element to Hex 4B4E58 is called "border". The border property can be set on classes, ids or directly on the HTML element.

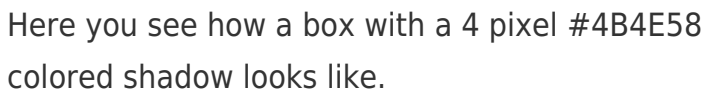
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B4E58 }
```

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

```
.border{ border-color:#4B4E58 }
```

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



Here you see how a box with a 4 pixel #4B4E58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4E58; -webkit-box-shadow:4px 4px  
4px 4px #4B4E58; box-shadow:4px 4px 4px  
4px #4B4E58 }
```

Background

The CSS property to change the background color of an element to Hex 4B4E58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4E58 }
```

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

```
.background{ background-color:#4B4E58 }
```

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