

Converting Colors

Hex(4B4B5E)

Have a look what the booklet for
Hex(4B4B5E) contains.

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Color

Hex(4B4B5E)

Conversions

Conversions Part 1

Format	Color
Hex	4B4B5E
RGB	75, 75, 94
RGB Percent	29%, 29%, 37%
CMY	0.7059, 0.7059, 0.6314
CMYK	0.20, 0.20, 0.00, 0.63
HSL	240°, 11%, 33%
HSV	240°, 20%, 37%
XYZ	7.4381, 7.3362, 11.6137
YIQ	77.1660, -6.0990, 5.9090

Conversions

Conversions Part 2

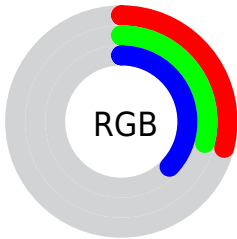
Format	Color
R_{YB}	75, 75, 94
Decimal	4934494
CIE Lab	32.56, 4.56, -11.12
CIE LCh	33, 12.021, 292.271
Yxy	7.3362, 0.2819, 0.2780
Android (android.graphics.Color)	4283124574 (0xFF4B4B5E)
YUV	77.1660, 8.2992, -1.8996
Hunter-Lab	27.0853, 1.6198, -6.4626

Details

The Hex color **4B4B5E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E5E4B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7C7C90**, and **1F1F30** is the 20% darker color. If you saturate the color by 10%, you get **42425E**, and if you desaturate by 10%, it is **54545E**.

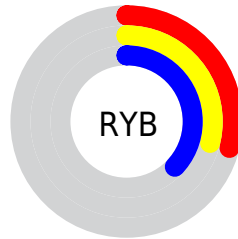
Distribution



Red (29%)

Green (29%)

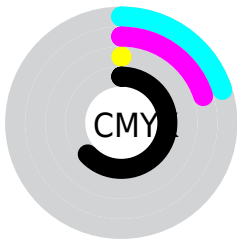
Blue (37%)



Red (29%)

Yellow (29%)

Blue (37%)

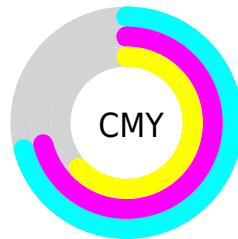


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (63%)



Cyan (71%)

Magenta (71%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B4B5E 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 4B4B5E by changing the saturation by 10% instead.

■ 4B4B5E

■ 4B4B5E

FFFFFF

■ 343446

■ 7C7C90

■ 1F1F30

■ 9695AB

■ 08071B

■ B1B0C6

■ 000000

■ CCCCE2

■ E8E8FF

■ 4B4B5E

■ 4B4B5E

■ 42425E

■ 54545E

■ 38385E

■ 5E5E5E

■ 2F2F5E

■ 67675E

■ 25255E

■ 71715E

■ 1C1C5E

■ 7A7A5E

■ 13135E

■ 83835E

■ 09095E

■ 8D8D5E

■ 00005E

■ 96965E

■ A0A05E

Harmonies

Analogous

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



3E4E5F



4B4B5E



564858

Triad

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



4B4B5E



5D483E



38524A

Complementary

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



4B4B5E



5E5E4B

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.



415141



4B4B5E



564B3A

Square

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



4B4B5E



604646



4C4E3B



325253

Rectangle

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



4B4B5E



5C4653



4C4E3B



3B5247

Sweetspot

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



4B4B5E



73737A



4B5E5E



39393D



BDBDBD



3D3D3D

Same Dimension

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



4B4B5E



5D5D7A



554B5E



29292E



00006E



0000ED

Inverse Universe

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



5E4B5E



7A5D7A



555E4B



2E292E



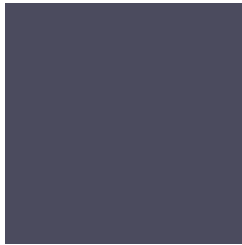
6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 4B4B5E looks on a white background.

Color Contrast Check

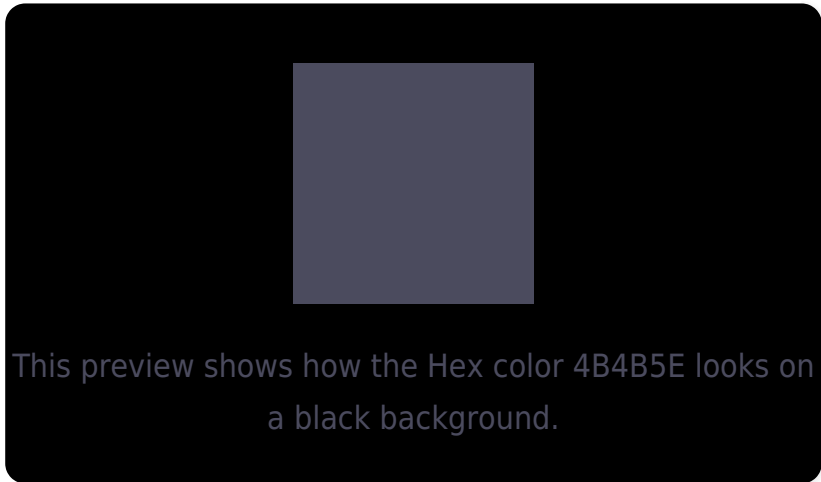
Large Text (above 18pt) WCAG AA ✓ Pass

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

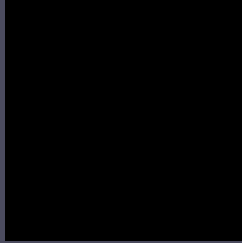
Any Text WCAG AA × Fail

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 4B4B5E Background



This preview shows how black text looks on a background with the Hex color 4B4B5E.

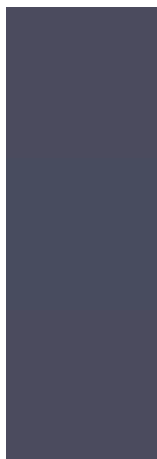


This preview shows how white text looks on a background with the Hex color 4B4B5E.

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

4B4B5E

Protanopia

484C5F

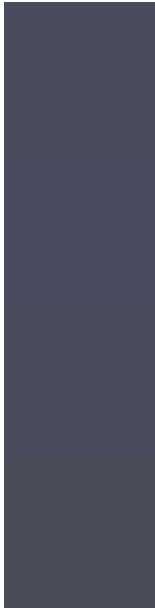
Deuteranopia

4B4B5E



Tritanopia
494D53

Trichromacy



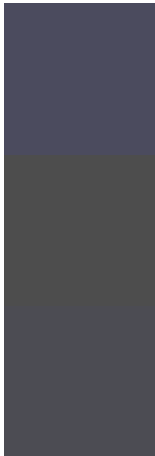
Original Color
4B4B5E

Protanomaly
494C5F

Deuteranomaly
4B4B5E

Tritanomaly
4A4C57

Monochromacy



Original Color
4B4B5E

Achromatopsia
4D4D4D

Achromatomaly
4C4C53

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B4B5E 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 #4B4B5E looks like.

```
.text, #text, p{  
    color:#4B4B5E  
}
```

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 #4B4B5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4B5E
}
```

Border

The CSS property to change the border of an element to Hex 4B4B5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

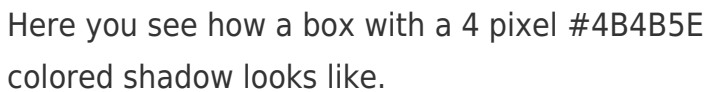
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B4B5E }
```

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

```
.border{ border-color:#4B4B5E }
```

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



Here you see how a box with a 4 pixel #4B4B5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4B5E; -webkit-box-shadow:4px 4px  
4px 4px #4B4B5E; box-shadow:4px 4px 4px  
4px #4B4B5E }
```

Background

The CSS property to change the background color of an element to Hex 4B4B5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4B5E }
```

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

```
.background{ background-color:#4B4B5E }
```

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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