

Converting Colors

Hex(4A4B53)

Have a look what the booklet for
Hex(4A4B53) contains.

Hex(4A4B53)	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(4A4B53)

Conversions

Conversions Part 1

Format	Color
Hex	4A4B53
RGB	74, 75, 83
RGB Percent	29%, 29%, 33%
CMY	0.7098, 0.7059, 0.6745
CMYK	0.11, 0.10, 0.00, 0.67
HSL	233°, 6%, 31%
HSV	233°, 11%, 33%
XYZ	6.9015, 7.1125, 9.1927
YIQ	75.6130, -3.1640, 2.2760

Conversions

Conversions Part 2

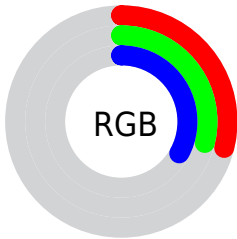
Format	Color
RYB	74, 75, 83
Decimal	4868947
CIELab	32.06, 1.43, -4.87
CIELCh	32, 5.080, 286.378
Yxy	7.1125, 0.2974, 0.3065
Android (android.graphics.Color)	4283059027 (0xFF4A4B53)
YUV	75.6130, 3.6418, -1.4146
Hunter-Lab	26.6693, -0.4794, -1.7683

Details

The Hex color **4A4B53** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **53524A**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7B7C84**, and **1E1F26** is the 20% darker color. If you saturate the color by 10%, you get **424453**, and if you desaturate by 10%, it is **525253**.

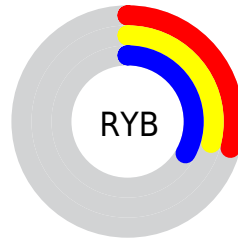
Distribution



Red (29%)

Green (29%)

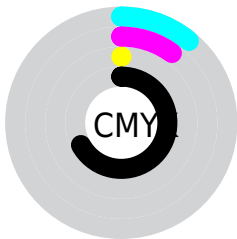
Blue (33%)



Red (29%)

Yellow (29%)

Blue (33%)

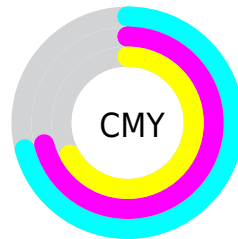


Cyan (11%)

Magenta (10%)

Yellow (0%)

Black (67%)



Cyan (71%)

Magenta (71%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A4B53 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 4A4B53 by changing the saturation by 10% instead.



4A4B53



4A4B53

FFFFFF



33343C



7B7C84



1E1F26



94959F



060712



AFB0B9



000000



CBCCD5



E7E8F1



4A4B53



4A4B53



424453



525253



393C53



5B5A53

■ 313553

■ 636153

■ 292D53

■ 6B6953

■ 212653

■ 737053

■ 181F53

■ 7C7753

■ 101753

■ 847F53

■ 081053

■ 8C8653

■ 000953

■ 958D53

Harmonies

Analogous

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



454C53



4A4B53



4F4A51

Triad

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



4A4B53



534946



444E49

Complementary

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



4A4B53



53524A

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.



484D46



4A4B53



514B44

Square

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



4A4B53



544949



4C4C44



424E4D

Rectangle

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



4A4B53



51494F



4C4C44



454E48

Sweetspot

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



4A4B53



68686B



4A5352



333436



B5B5B5



363636

Same Dimension

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



4A4B53



5D5F6B



4D4A53



252529



000C69



001AE8

Inverse Universe

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



534A4B



6B5D5F



50534A



292525



69000C



E8001A

Previews

White Background



This preview shows how the Hex color 4A4B53 looks on a white background.

Color Contrast Check

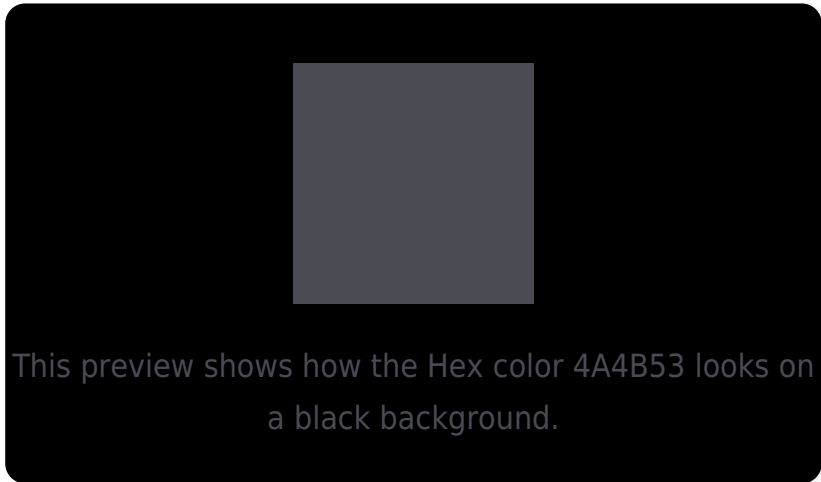
Large Text (above 18pt) WCAG AA ✓ Pass

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

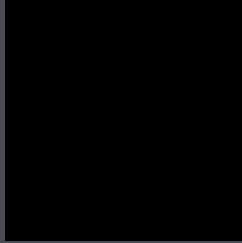
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

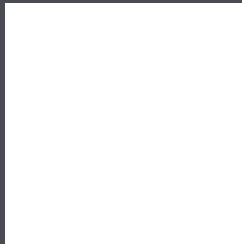
Any Text WCAG AAA × Fail

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

Hex 4A4B53 Background



This preview shows how black text looks on a background with the Hex color 4A4B53.



This preview shows how white text looks on a background with the Hex color 4A4B53.

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

4A4B53

Protanopia

4A4B53

Deuteranopia

4F4953



Tritanopia
4A4B51

Trichromacy



Original Color

4A4B53

Protanomaly

4A4B53

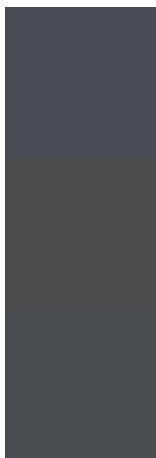
Deuteranomaly

4D4A53

Tritanomaly

4A4B52

Monochromacy



Original Color

4A4B53

Achromatopsia

4C4C4C

Achromatomaly

4B4C4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A4B53 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 #4A4B53 looks like.

```
.text, #text, p{  
    color:#4A4B53  
}
```

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 #4A4B53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4B53
}
```

Border

The CSS property to change the border of an element to Hex 4A4B53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

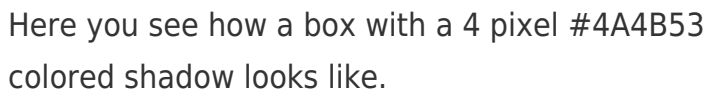
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A4B53 }
```

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

```
.border{ border-color:#4A4B53 }
```

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



Here you see how a box with a 4 pixel #4A4B53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4B53; -webkit-box-shadow:4px 4px  
4px 4px #4A4B53; box-shadow:4px 4px 4px  
4px #4A4B53 }
```

Background

The CSS property to change the background color of an element to Hex 4A4B53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4B53 }
```

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

```
.background{ background-color:#4A4B53 }
```

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