

Converting Colors

Hex(4A5950)

Have a look what the booklet for
Hex(4A5950) contains.

Hex(4A5950)	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(4A5950)

Conversions

Conversions Part 1

Format	Color
Hex	4A5950
RGB	74, 89, 80
RGB Percent	29%, 35%, 31%
CMY	0.7098, 0.6510, 0.6863
CMYK	0.17, 0.00, 0.10, 0.65
HSL	144°, 9%, 32%
HSV	144°, 17%, 35%
XYZ	7.8444, 9.1798, 8.9478
YIQ	83.4890, -6.0510, -5.9790

Conversions

Conversions Part 2

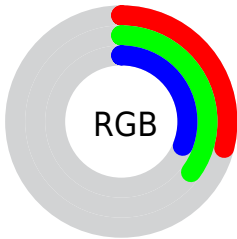
Format	Color
R_{YB}	74, 85, 89
Decimal	4872528
CIE Lab	36.33, -7.86, 3.27
CIE LCh	36, 8.512, 157.421
Yxy	9.1798, 0.3020, 0.3534
Android (android.graphics.Color)	4283062608 (0xFF4A5950)
YUV	83.4890, -1.7201, -8.3219
Hunter-Lab	30.2982, -6.8070, 3.6988

Details

The Hex color **4A5950** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **594A53**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7B8B81**, and **1E2C24** is the 20% darker color. If you saturate the color by 10%, you get **41594B**, and if you desaturate by 10%, it is **535955**.

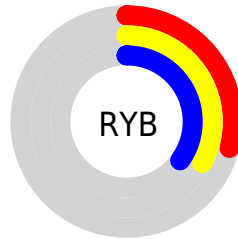
Distribution



Red (29%)

Green (35%)

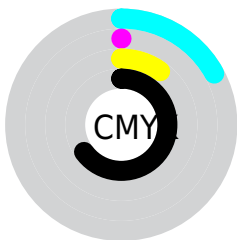
Blue (31%)



Red (29%)

Yellow (33%)

Blue (35%)

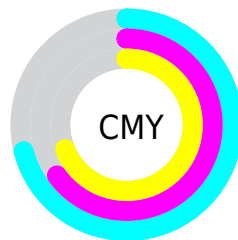


Cyan (17%)

Magenta (0%)

Yellow (10%)

Black (65%)



Cyan (71%)

Magenta (65%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A5950 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 4A5950 by changing the saturation by 10% instead.



4A5950



4A5950

FFFFFF



334239



7B8B81



1E2C24



95A59B



06170E



AFC0B6



000000



CBD CD2



E7F9EE



4A5950



4A5950



41594B



535955



385945



5C595B

■ 2F5940

■ 655960

■ 26593B

■ 6E5965

■ 1E5935

■ 77596B

■ 155930

■ 7F5970

■ 0C592B

■ 885975

■ 035925

■ 91597B

■ 005924

■ 9A5980

Harmonies

Analogous

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



51584B



4A5950



455A57

Triad

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



4A5950



505563



63514D

Complementary

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



4A5950



594A53

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.



645154



4A5950



595360

Square

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



4A5950



485862



60515B



605349

Rectangle

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



4A5950



44595B



60515B



64514F

Sweetspot

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



4A5950



6D736F



53594A



373B39



BABABA



3B3B3B

Same Dimension

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



4A5950



5C7365



4A5957



272B29



006B2B



00EB5E

Inverse Universe

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



594A53



735C6A



594A4C



2B272A



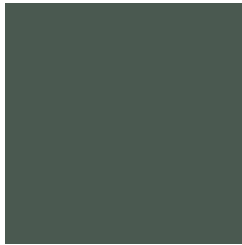
6B0040



EB008D

Previews

White Background



This preview shows how the Hex color 4A5950 looks on a white background.

Color Contrast Check

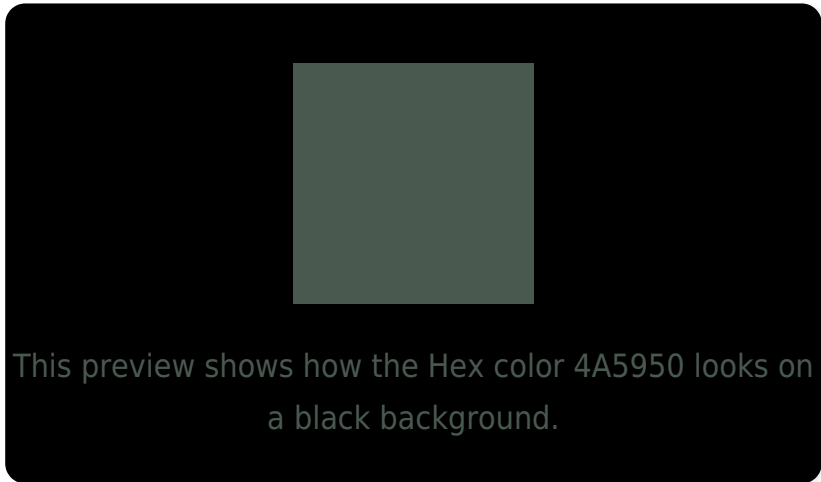
Large Text (above 18pt) WCAG AA ✓ Pass

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

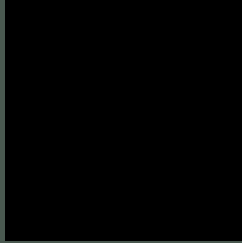
Any Text WCAG AA × Fail

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 4A5950 Background



This preview shows how black text looks on a background with the Hex color 4A5950.



This preview shows how white text looks on a background with the Hex color 4A5950.

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
4A5950

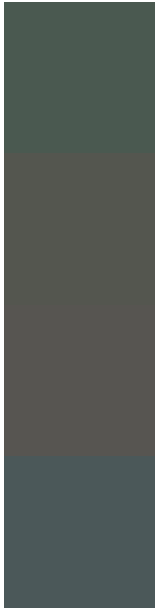
Protanopia
59554E

Deuteranopia
5F5251



Tritanopia
4C575E

Trichromacy



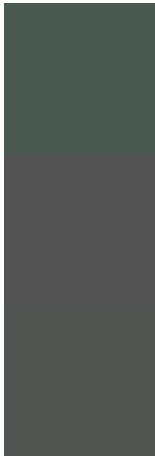
Original Color
4A5950

Protanomaly
54564F

Deuteranomaly
575551

Tritanomaly
4B5859

Monochromacy



Original Color
4A5950

Achromatopsia
535353

Achromatomaly
505552

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A5950 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 #4A5950 looks like.

```
.text, #text, p{  
    color:#4A5950  
}
```

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 #4A5950 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A5950
}
```

Border

The CSS property to change the border of an element to Hex 4A5950 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
#4A5950 }
```

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

```
.border{ border-color:#4A5950 }
```

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

Here you see how a box with a 4 pixel #4A5950 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A5950; -webkit-box-shadow:4px 4px  
4px 4px #4A5950; box-shadow:4px 4px 4px  
4px #4A5950 }
```

Background

The CSS property to change the background color of an element to Hex 4A5950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A5950 }
```

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

```
.background{ background-color:#4A5950 }
```

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