

Converting Colors

Hex(4D545A)

Have a look what the booklet for
Hex(4D545A) contains.

Hex(4D545A)	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(4D545A)

Conversions

Conversions Part 1

Format	Color
Hex	4D545A
RGB	77, 84, 90
RGB Percent	30%, 33%, 35%
CMY	0.6980, 0.6706, 0.6471
CMYK	0.14, 0.07, 0.00, 0.65
HSL	208°, 8%, 33%
HSV	208°, 14%, 35%
XYZ	8.0764, 8.6566, 10.9181
YIQ	82.5910, -6.0980, 0.3820

Conversions

Conversions Part 2

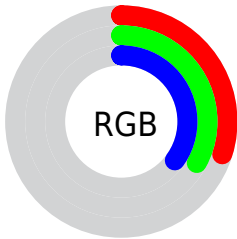
Format	Color
R_{YB}	77, 82, 90
Decimal	5067866
CIE _{Lab}	35.31, -1.37, -4.44
CIE _{LCh}	35, 4.648, 252.910
Yxy	8.6566, 0.2921, 0.3131
Android (android.graphics.Color)	4283257946 (0xFF4D545A)
YUV	82.5910, 3.6526, -4.9033
Hunter-Lab	29.4221, -2.4906, -1.4061

Details

The Hex color **4D545A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5A534D**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7E858C**, and **21272C** is the 20% darker color. If you saturate the color by 10%, you get **44505A**, and if you desaturate by 10%, it is **56585A**.

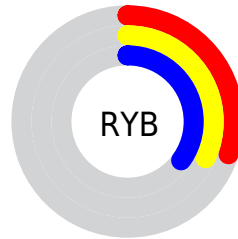
Distribution



Red (30%)

Green (33%)

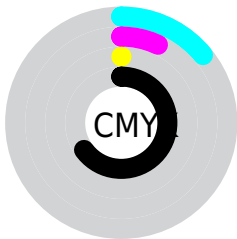
Blue (35%)



Red (30%)

Yellow (32%)

Blue (35%)

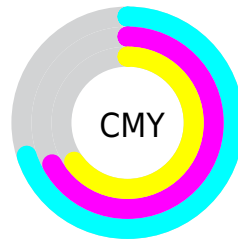


Cyan (14%)

Magenta (7%)

Yellow (0%)

Black (65%)



Cyan (70%)

Magenta (67%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D545A 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 4D545A by changing the saturation by 10% instead.

■ 4D545A

■ 4D545A

FFFFFF

■ 363D43

■ 7E858C

■ 21272C

■ 98A0A6

■ 0B1318

■ B3BBC1

■ 000000

■ CED6DD

■ EAF3FA

■ 4D545A

■ 4D545A

■ 44505A

■ 56585A

■ 3B4C5A

■ 5F5C5A

■ 32485A

■ 68605A

■ 29435A

■ 71655A

■ 203F5A

■ 7A695A

■ 173B5A

■ 836D5A

■ 0E375A

■ 8C715A

■ 05335A

■ 95755A

■ 00305A

■ 9E795A

Harmonies

Analogous

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



4A5558



4D545A



51535A

Triad

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



4D545A



5B5152



50544E

Complementary

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



4D545A



5A534D

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.



54534C



4D545A



5B514E

Square

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



4D545A



595155



58524C



4C5551

Rectangle

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



4D545A



545259



58524C



52544D

Sweetspot

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



4D545A



717375



4D5A53



38393B



BABABA



3B3B3B

Same Dimension

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



4D545A



616C75



4D4E5A



292C2E



003B6E



0080ED

Inverse Universe

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



5A4D54



75616C



5A594D



2E292C



6E003B



ED0080

Previews

White Background



This preview shows how the Hex color 4D545A looks on a white background.

Color Contrast Check

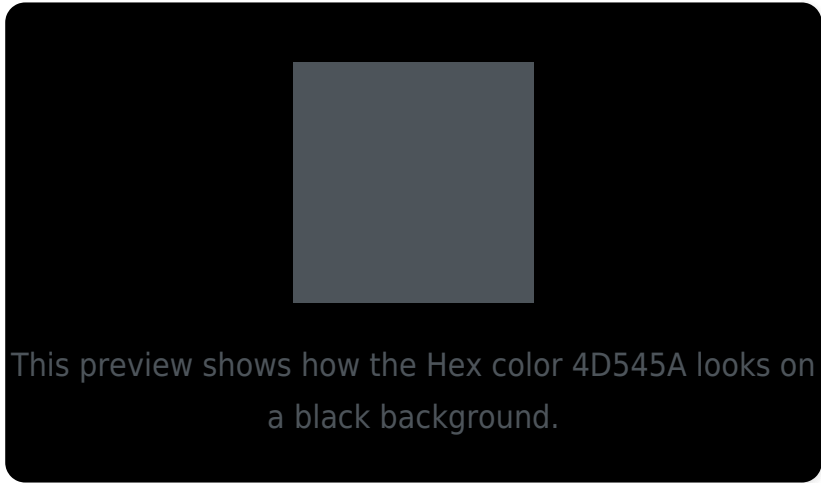
Large Text (above 18pt) WCAG AA ✓ Pass

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

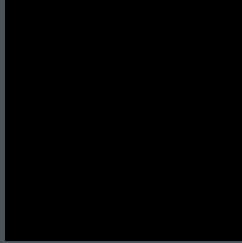
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

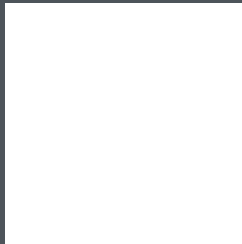
Any Text WCAG AAA × Fail

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

Hex 4D545A Background



This preview shows how black text looks on a background with the Hex color 4D545A.



This preview shows how white text looks on a background with the Hex color 4D545A.

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
4D545A

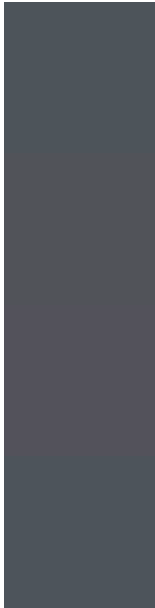
Protanopia
535259

Deuteranopia
57515B



Tritanopia
4D545B

Trichromacy



Original Color

4D545A

Protanomaly

515359

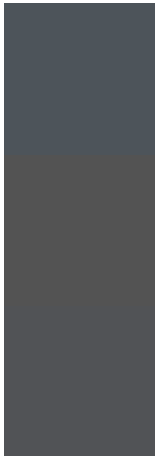
Deuteranomaly

53525B

Tritanomaly

4D545B

Monochromacy



Original Color

4D545A

Achromatopsia

535353

Achromatomaly

515356

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D545A 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 #4D545A looks like.

```
.text, #text, p{  
    color:#4D545A  
}
```

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 #4D545A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D545A
}
```

Border

The CSS property to change the border of an element to Hex 4D545A is called "border". The border property can be set on classes, ids or directly on the HTML element.

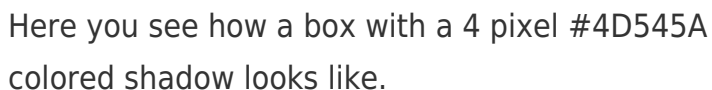
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D545A }
```

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

```
.border{ border-color:#4D545A }
```

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



Here you see how a box with a 4 pixel #4D545A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D545A; -webkit-box-shadow:4px 4px  
4px 4px #4D545A; box-shadow:4px 4px 4px  
4px #4D545A }
```

Background

The CSS property to change the background color of an element to Hex 4D545A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D545A }
```

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

```
.background{ background-color:#4D545A }
```

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