

Converting Colors

Hex(47505A)

Have a look what the booklet for
Hex(47505A) contains.

Hex(47505A)	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(47505A)

Conversions

Conversions Part 1

Format	Color
Hex	47505A
RGB	71, 80, 90
RGB Percent	28%, 31%, 35%
CMY	0.7216, 0.6863, 0.6471
CMYK	0.21, 0.11, 0.00, 0.65
HSL	212°, 12%, 32%
HSV	212°, 21%, 35%
XYZ	7.3127, 7.8151, 10.7959
YIQ	78.4490, -8.5740, 1.2020

Conversions

Conversions Part 2

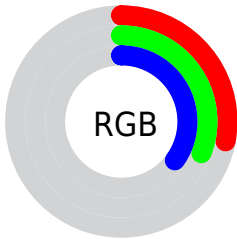
Format	Color
RYB	71, 77, 90
Decimal	4673626
CIELab	33.59, -1.11, -7.06
CIElCh	34, 7.147, 261.046
Yxy	7.8151, 0.2821, 0.3015
Android (android.graphics.Color)	4282863706 (0xFF47505A)
YUV	78.4490, 5.6946, -6.5328
Hunter-Lab	27.9555, -2.2297, -3.3279

Details

The Hex color **47505A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5A5147**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **78818C**, and **1B242C** is the 20% darker color. If you saturate the color by 10%, you get **3E4B5A**, and if you desaturate by 10%, it is **50555A**.

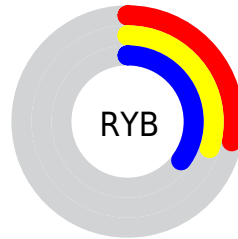
Distribution



Red (28%)

Green (31%)

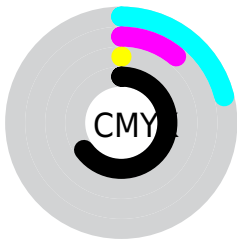
Blue (35%)



Red (28%)

Yellow (30%)

Blue (35%)

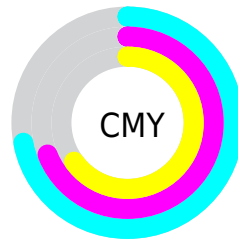


Cyan (21%)

Magenta (11%)

Yellow (0%)

Black (65%)



Cyan (72%)

Magenta (69%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47505A 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 47505A by changing the saturation by 10% instead.



47505A



47505A

FFFFFF



303943



78818C



1B242C



919BA6



020E18



ACB6C2



000000



C7D2DD



E3EEFA



47505A



47505A



3E4B5A



50555A



35475A



59595A

■ 2C425A

■ 625E5A

■ 233D5A

■ 6B635A

■ 1A385A

■ 74685A

■ 11345A

■ 7D6C5A

■ 082F5A

■ 86715A

■ 002B5A

■ 8F765A

■ 987B5A

Harmonies

Analogous

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



425258



47505A



4E4E59

Triad

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



47505A



5B4B4B



495148

Complementary

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



47505A



5A5147

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.



4F5044



47505A



5A4C46

Square

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



47505A



5A4B51



554E44



43524D

Rectangle

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



47505A



534D58



554E44



4B5146

Sweetspot

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



47505A



6E7275



475A51



37383B



BABABA



3B3B3B

Same Dimension

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



47505A



586675



47475A



292B2E



00346E



0070ED

Inverse Universe

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



5A4750



755866



5A5A47



2E292B



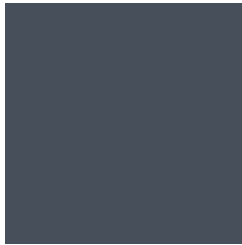
6E0034



ED0070

Previews

White Background



This preview shows how the Hex color 47505A looks on a white background.

Color Contrast Check

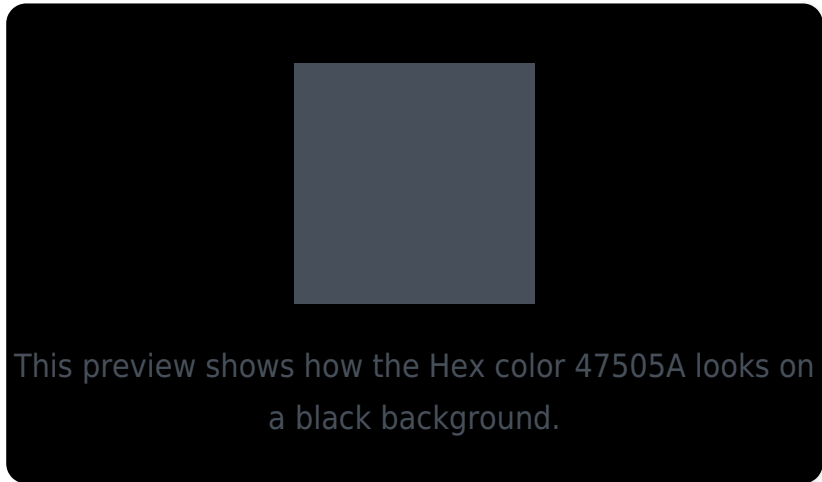
Large Text (above 18pt) WCAG AA ✓ Pass

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

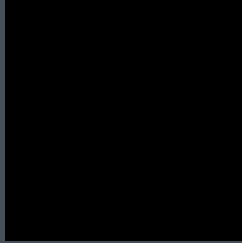
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

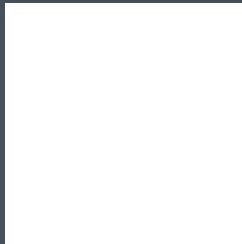
Any Text WCAG AAA × Fail

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

Hex 47505A Background



This preview shows how black text looks on a background with the Hex color 47505A.



This preview shows how white text looks on a background with the Hex color 47505A.

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
47505A

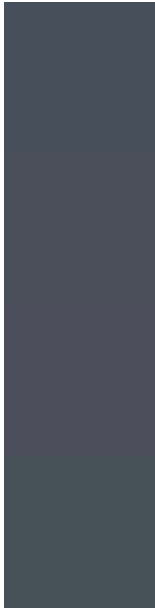
Protanopia
4D4E59

Deuteranopia
514D5B



Tritanopia
465157

Trichromacy



Original Color

47505A

Protanomaly

4B4F59

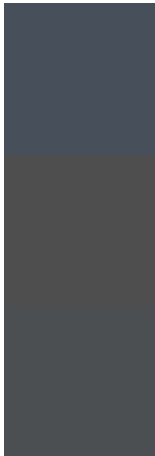
Deuteranomaly

4D4E5B

Tritanomaly

465158

Monochromacy



Original Color

47505A

Achromatopsia

4E4E4E

Achromatomaly

4B4F52

CSS Examples

Text

The CSS property to change the color of the text to Hex 47505A 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 #47505A looks like.

```
.text, #text, p{  
    color:#47505A  
}
```

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 #47505A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47505A
}
```

Border

The CSS property to change the border of an element to Hex 47505A 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
#47505A }
```

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

```
.border{ border-color:#47505A }
```

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

Here you see how a box with a 4 pixel #47505A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47505A; -webkit-box-shadow:4px 4px  
4px 4px #47505A; box-shadow:4px 4px 4px  
4px #47505A }
```

Background

The CSS property to change the background color of an element to Hex 47505A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47505A }
```

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

```
.background{ background-color:#47505A }
```

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