

Converting Colors

Hex(46515C)

Have a look what the booklet for
Hex(46515C) contains.

Hex(46515C)	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(46515C)

Conversions

Conversions Part 1

Format	Color
Hex	46515C
RGB	70, 81, 92
RGB Percent	27%, 32%, 36%
CMY	0.7255, 0.6824, 0.6392
CMYK	0.24, 0.12, 0.00, 0.64
HSL	210°, 14%, 32%
HSV	210°, 24%, 36%
XYZ	7.4000, 7.9597, 11.2716
YIQ	78.9650, -10.0870, 1.0890

Conversions

Conversions Part 2

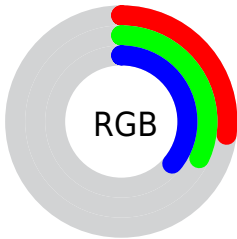
Format	Color
RYB	70, 77, 92
Decimal	4608348
CIELab	33.90, -1.58, -7.88
CIELCh	34, 8.033, 258.662
Yxy	7.9597, 0.2779, 0.2989
Android (android.graphics.Color)	4282798428 (0xFF46515C)
YUV	78.9650, 6.4263, -7.8623
Hunter-Lab	28.2129, -2.5535, -3.9384

Details

The Hex color **46515C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5C5146**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **77828E**, and **1A252E** is the 20% darker color. If you saturate the color by 10%, you get **3D4C5C**, and if you desaturate by 10%, it is **4F565C**.

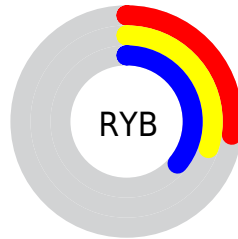
Distribution



Red (27%)

Green (32%)

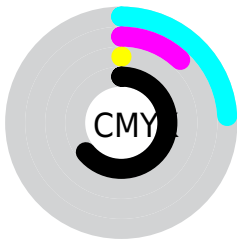
Blue (36%)



Red (27%)

Yellow (30%)

Blue (36%)

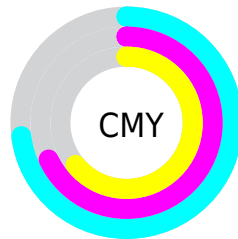


Cyan (24%)

Magenta (12%)

Yellow (0%)

Black (64%)



Cyan (73%)

Magenta (68%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46515C 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 46515C by changing the saturation by 10% instead.

■ 46515C

■ 46515C

FFFFFF

■ 2F3A44

■ 77828E

■ 1A252E

■ 909CA9

■ 010F1A

■ ABB7C4

■ 000000

■ C6D3E0

■ E2EFFC

■ 46515C

■ 46515C

■ 3D4C5C

■ 4F565C

■ 34485C

■ 585A5C

■ 2A435C

■ 625F5C

■ 213F5C

■ 6B635C

■ 183A5C

■ 74685C

■ 0F355C

■ 7D6D5C

■ 06315C

■ 86715C

■ 002E5C

■ 90765C

■ 997A5C

Harmonies

Analogous

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



415359



46515C



4E4F5C

Triad

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



46515C



5D4B4C



495247

Complementary

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



46515C



5C5146

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.



515144



46515C



5C4D46

Square

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



46515C



5B4C52



574E43



43534D

Rectangle

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



46515C



534E5A



574E43



4C5246

Sweetspot

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



46515C



6F7478



465C51



383B3D



BDBDBD



3D3D3D

Same Dimension

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



46515C



556678



46465C



292C2E



00376E



0077ED

Inverse Universe

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



5C4651



785566



5C5C46



2E292C



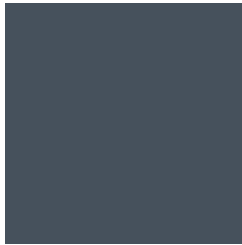
6E0037



ED0077

Previews

White Background



This preview shows how the Hex color 46515C looks on a white background.

Color Contrast Check

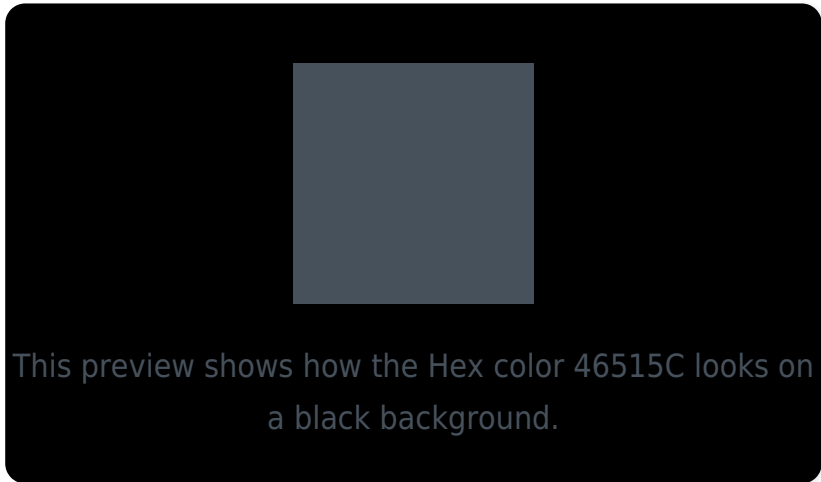
Large Text (above 18pt) WCAG AA ✓ Pass

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

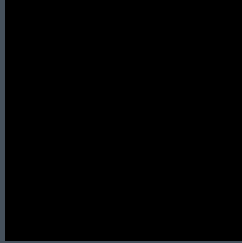
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

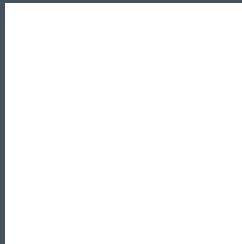
Any Text WCAG AAA × Fail

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

Hex 46515C Background



This preview shows how black text looks on a background with the Hex color 46515C.



This preview shows how white text looks on a background with the Hex color 46515C.

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](#).

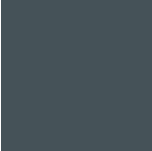
Dichromacy



Original Color
46515C

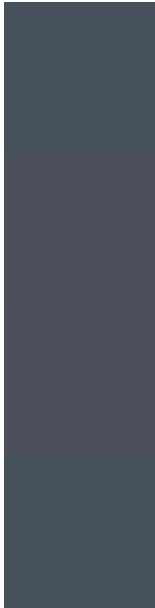
Protanopia
4E4F5B

Deuteranopia
514E5D



Tritanopia
455258

Trichromacy



Original Color
46515C

Protanomaly
4B505B

Deuteranomaly
4D4F5D

Tritanomaly
455259

Monochromacy



Original Color
46515C

Achromatopsia
4F4F4F

Achromatomaly
4C5054

CSS Examples

Text

The CSS property to change the color of the text to Hex 46515C 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 #46515C looks like.

```
.text, #text, p{  
    color:#46515C  
}
```

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 #46515C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46515C
}
```

Border

The CSS property to change the border of an element to Hex 46515C is called "border". The border property can be set on classes, ids or directly on the HTML element.

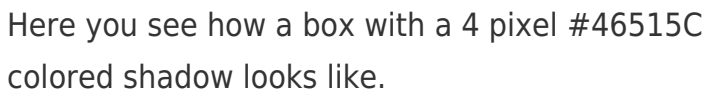
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#46515C }
```

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

```
.border{ border-color:#46515C }
```

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



Here you see how a box with a 4 pixel #46515C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46515C; -webkit-box-shadow:4px 4px  
4px 4px #46515C; box-shadow:4px 4px 4px  
4px #46515C }
```

Background

The CSS property to change the background color of an element to Hex 46515C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46515C }
```

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

```
.background{ background-color:#46515C }
```

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