

Converting Colors

Hex(475960)

Have a look what the booklet for
Hex(475960) contains.

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Color

Hex(475960)

Conversions

Conversions Part 1

Format	Color
Hex	475960
RGB	71, 89, 96
RGB Percent	28%, 35%, 38%
CMY	0.7216, 0.6510, 0.6235
CMYK	0.26, 0.07, 0.00, 0.62
HSL	197°, 15%, 33%
HSV	197°, 26%, 38%
XYZ	8.2822, 9.3289, 12.4305
YIQ	84.4160, -12.9750, -1.6390

Conversions

Conversions Part 2

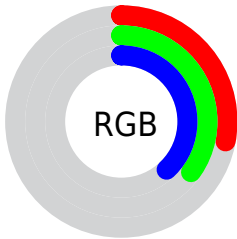
Format	Color
R_{YB}	71, 81, 96
Decimal	4675936
CIE Lab	36.61, -5.10, -6.32
CIE LCh	37, 8.116, 231.094
Yxy	9.3289, 0.2757, 0.3105
Android (android.graphics.Color)	4282866016 (0xFF475960)
YUV	84.4160, 5.7109, -11.7658
Hunter-Lab	30.5432, -5.0478, -2.7496

Details

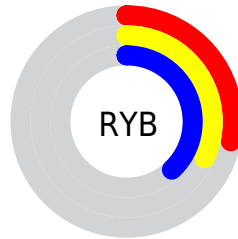
The Hex color **475960** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **604E47**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **788B92**, and **1A2C32** is the 20% darker color. If you saturate the color by 10%, you get **3D5660**, and if you desaturate by 10%, it is **515C60**.

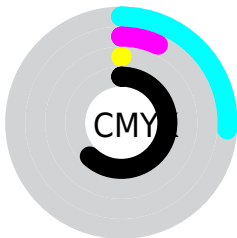
Distribution



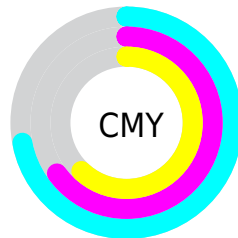
- Red (28%)
- Green (35%)
- Blue (38%)



- Red (28%)
- Yellow (32%)
- Blue (38%)



- Cyan (26%)
- Magenta (7%)
- Yellow (0%)
- Black (62%)



- Cyan (72%)
- Magenta (65%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 475960 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 475960 by changing the saturation by 10% instead.

■ 475960

■ 475960

FFFFFF

■ 304248

■ 788B92

■ 1A2C32

■ 92A5AD

■ 03171D

■ ADC0C8

■ 000001

■ C8DCE4

■ 000000

■ E4F9FF

■ 475960

■ 475960

■ 3D5660

■ 515C60

■ 345460

■ 5A5E60

■ 2A5160

■ 646160

■ 214E60

■ 6D6460

■ 174C60

■ 776660

■ 0D4960

■ 816960

■ 044660

■ 8A6C60

■ 004560

■ 946F60

■ 9D7160

Harmonies

Analogous

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



465A5B



475960



4D5763

Triad

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



475960



625258



56574A

Complementary

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



475960



604E47

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.



5D5549



475960



645252

Square

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



475960



5D535E



62534C



4F594E

Rectangle

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



475960



525663



62534C



595649

Sweetspot

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



475960



737A7D



47604E



393E40



BFBFBF



404040

Same Dimension

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



475960



56727D



474D60



2C2F30



005170



00ADF0

Inverse Universe

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



604759



7D5672



605A47



302C2F



700051



F000AD

Previews

White Background



This preview shows how the Hex color 475960 looks on a white background.

Color Contrast Check

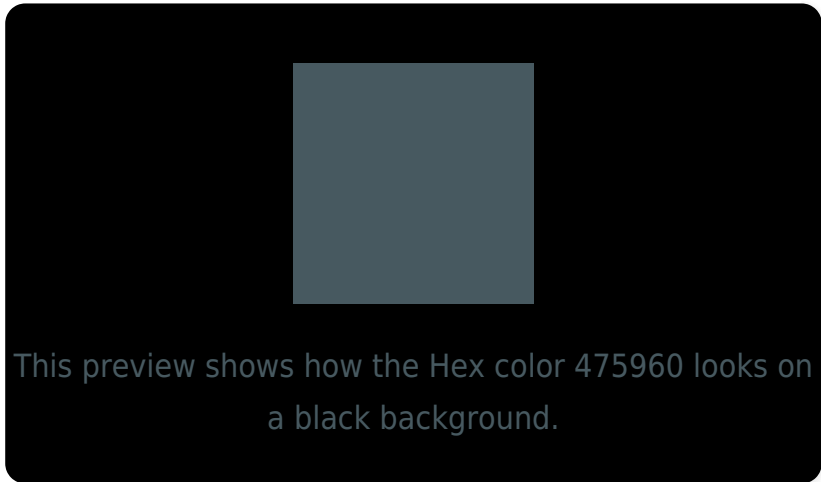
Large Text (above 18pt) WCAG AA ✓ Pass

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

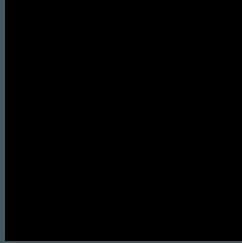
Any Text WCAG AA × Fail

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 475960 Background



This preview shows how black text looks on a background with the Hex color 475960.



This preview shows how white text looks on a background with the Hex color 475960.

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](#).

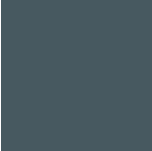
Dichromacy



Original Color
475960

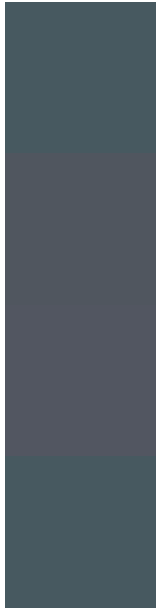
Protanopia
55555E

Deuteranopia
595461



Tritanopia
475960

Trichromacy



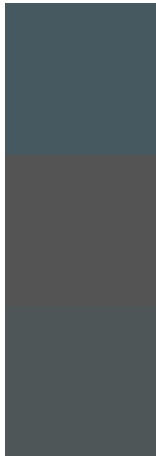
Original Color
475960

Protanomaly
50565F

Deuteranomaly
525661

Tritanomaly
475960

Monochromacy



Original Color
475960

Achromatopsia
545454

Achromatomaly
4F5658

CSS Examples

Text

The CSS property to change the color of the text to Hex 475960 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 #475960 looks like.

```
.text, #text, p{  
    color:#475960  
}
```

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 #475960 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475960
}
```

Border

The CSS property to change the border of an element to Hex 475960 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
#475960 }
```

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

```
.border{ border-color:#475960 }
```

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

Here you see how a box with a 4 pixel #475960 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475960; -webkit-box-shadow:4px 4px  
4px 4px #475960; box-shadow:4px 4px 4px  
4px #475960 }
```

Background

The CSS property to change the background color of an element to Hex 475960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475960 }
```

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

```
.background{ background-color:#475960 }
```

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](#).

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