

Converting Colors

Hex(475F67)

Have a look what the booklet for
Hex(475F67) contains.

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Color

Hex(475F67)

Conversions

Conversions Part 1

Format	Color
Hex	475F67
RGB	71, 95, 103
RGB Percent	28%, 37%, 40%
CMY	0.7216, 0.6275, 0.5961
CMYK	0.31, 0.08, 0.00, 0.60
HSL	195°, 18%, 34%
HSV	195°, 31%, 40%
XYZ	9.1389, 10.5033, 14.3776
YIQ	88.7360, -16.8720, -2.6000

Conversions

Conversions Part 2

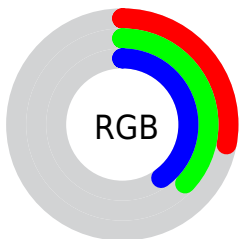
Format	Color
R_{YB}	71, 85, 103
Decimal	4677479
CIE Lab	38.73, -6.85, -7.48
CIE LCh	39, 10.141, 227.538
Yxy	10.5033, 0.2686, 0.3087
Android (android.graphics.Color)	4282867559 (0xFF475F67)
YUV	88.7360, 7.0322, -15.5545
Hunter-Lab	32.4088, -6.3803, -3.6169

Details

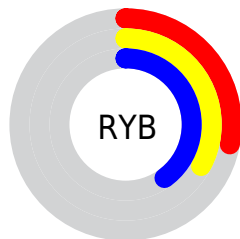
The Hex color **475F67** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **674F47**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **78919A**, and **193138** is the 20% darker color. If you saturate the color by 10%, you get **3D5C67**, and if you desaturate by 10%, it is **516267**.

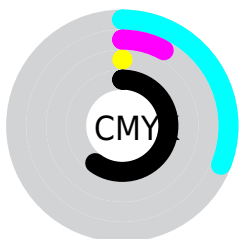
Distribution



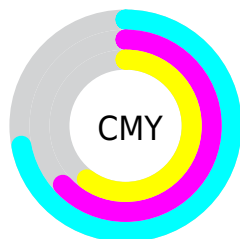
- Red (28%)
- Green (37%)
- Blue (40%)



- Red (28%)
- Yellow (33%)
- Blue (40%)



- Cyan (31%)
- Magenta (8%)
- Yellow (0%)
- Black (60%)



- Cyan (72%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 475F67 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 475F67 by changing the saturation by 10% instead.

■ 475F67

■ 475F67

FFFFFF

■ 30474F

■ 78919A

■ 193138

■ 92ACB5

■ 031C23

■ ADC7D0

■ 00010D

■ C9E3ED

■ 000000

■ E5FFFF

■ 475F67

■ 475F67

■ 3D5C67

■ 516267

■ 325A67

■ 5C6467

■ 285767

■ 666767

■ 1E5567

■ 706967

■ 145267

■ 7B6C67

■ 095067

■ 856E67

■ 004D67

■ 8F7167

■ 997467

■ A47667

Harmonies

Analogous

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



466060



475F67



4E5D6B

Triad

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



475F67



6A565F



5D5C4C

Complementary

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



475F67



674F47

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.



65594B



475F67



6D5657

Square

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



475F67



635866



6B574F



535E50

Rectangle

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



475F67



555B6B



6B574F



605B4B

Sweetspot

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



475F67



7B8487



47674F



3D4345



C4C4C4



454545

Same Dimension

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



475F67



557B87



474F67



2E3233



005673



00B6F2

Inverse Universe

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



67475F



87557B



675F47



332E32



730056



F200B6

Previews

White Background



This preview shows how the Hex color 475F67 looks on a white background.

Color Contrast Check

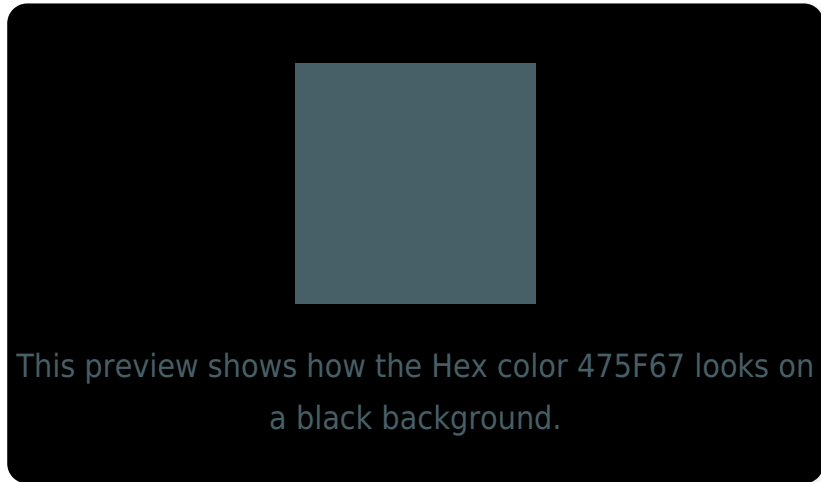
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

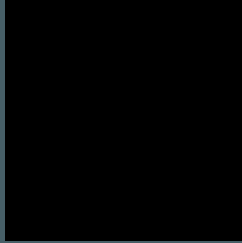
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

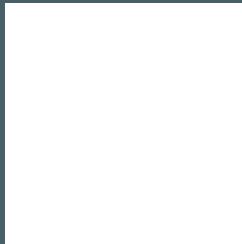
Any Text WCAG AAA × Fail

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

Hex 475F67 Background



This preview shows how black text looks on a background with the Hex color 475F67.



This preview shows how white text looks on a background with the Hex color 475F67.

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
475F67

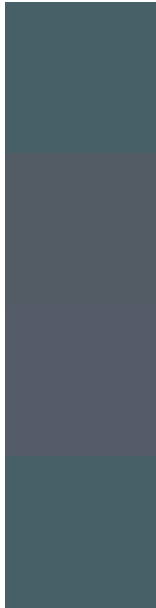
Protanopia
5A5A64

Deuteranopia
5D5968



Tritanopia
475F67

Trichromacy



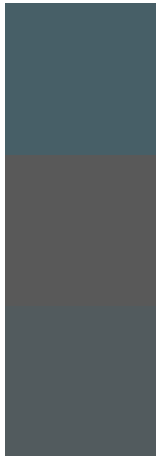
Original Color
475F67

Protanomaly
535C65

Deuteranomaly
555B68

Tritanomaly
475F67

Monochromacy



Original Color
475F67

Achromatopsia
595959

Achromatomaly
525B5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 475F67 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 #475F67 looks like.

```
.text, #text, p{  
    color:#475F67  
}
```

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 #475F67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475F67
}
```

Border

The CSS property to change the border of an element to Hex 475F67 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
#475F67 }
```

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

```
.border{ border-color:#475F67 }
```

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

Here you see how a box with a 4 pixel #475F67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475F67; -webkit-box-shadow:4px 4px  
4px 4px #475F67; box-shadow:4px 4px 4px  
4px #475F67 }
```

Background

The CSS property to change the background color of an element to Hex 475F67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475F67 }
```

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

```
.background{ background-color:#475F67 }
```

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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