

Converting Colors

Hex(475E59)

Have a look what the booklet for
Hex(475E59) contains.

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Color

Hex(475E59)

Conversions

Conversions Part 1

Format	Color
Hex	475E59
RGB	71, 94, 89
RGB Percent	28%, 37%, 35%
CMY	0.7216, 0.6314, 0.6510
CMYK	0.24, 0.00, 0.05, 0.63
HSL	167°, 14%, 32%
HSV	167°, 24%, 37%
XYZ	8.4044, 10.0663, 10.9512
YIQ	86.5530, -12.1030, -6.4310

Conversions

Conversions Part 2

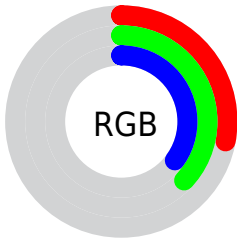
Format	Color
R_{YB}	71, 84, 94
Decimal	4677209
CIE Lab	37.96, -9.84, 0.03
CIE LCh	38, 9.837, 179.848
Yxy	10.0663, 0.2857, 0.3421
Android (android.graphics.Color)	4282867289 (0xFF475E59)
YUV	86.5530, 1.2064, -13.6400
Hunter-Lab	31.7274, -8.2393, 1.7443

Details

The Hex color **475E59** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E474C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **78908B**, and **1A302C** is the 20% darker color. If you saturate the color by 10%, you get **3E5E57**, and if you desaturate by 10%, it is **505E5B**.

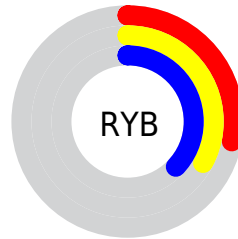
Distribution



Red (28%)

Green (37%)

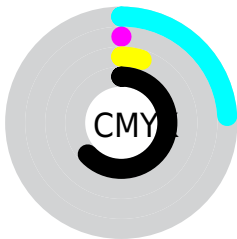
Blue (35%)



Red (28%)

Yellow (33%)

Blue (37%)

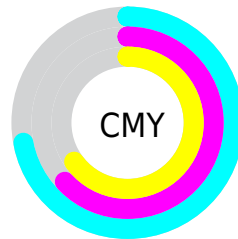


Cyan (24%)

Magenta (0%)

Yellow (5%)

Black (63%)



Cyan (72%)

Magenta (63%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 475E59 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 475E59 by changing the saturation by 10% instead.

■ 475E59

■ 475E59

FFFFFF

■ 304642

■ 78908B

■ 1A302C

■ 92ABA5

■ 031B17

■ ACC6C0

■ 000000

■ C8E2DC

■ E4FFF9

■ 475E59

■ 475E59

■ 3E5E57

■ 505E5B

■ 345E55

■ 5A5E5D

■ 2B5E53

■ 635E5F

■ 215E51

■ 6D5E61

■ 185E4F

■ 765E63

■ 0F5E4D

■ 7F5E65

■ 055E4B

■ 895E67

■ 005E4A

■ 925E69

■ 9C5E6B

Harmonies

Analogous

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



4E5D51



475E59



455E61

Triad

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



475E59



5B5767



67564C

Complementary

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



475E59



5E474C

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.



6A5452



475E59



645561

Square

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



475E59



515A69



69545A



60594A

Rectangle

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



475E59



465D65



69545A



68554E

Sweetspot

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



475E59



727A79



4C5E47



383D3C



BDBDBD



3D3D3D

Same Dimension

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



475E59



577A73



47585E



292E2D



006E56



00EDBA

Inverse Universe

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



5E474C



7A575F



5E4D47



2E292A



6E0018



ED0034

Previews

White Background



This preview shows how the Hex color 475E59 looks on a white background.

Color Contrast Check

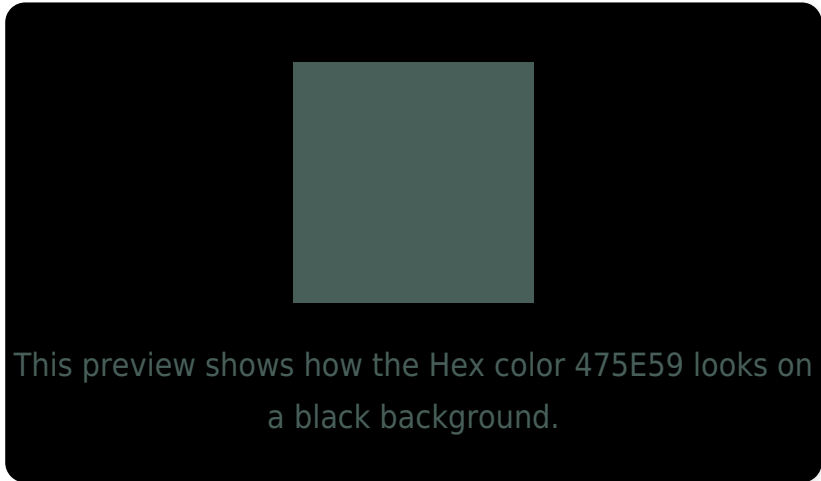
Large Text (above 18pt) WCAG AA ✓ Pass

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

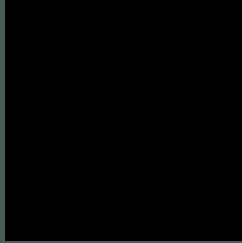
Any Text WCAG AA × Fail

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 475E59 Background



This preview shows how black text looks on a background with the Hex color 475E59.



This preview shows how white text looks on a background with the Hex color 475E59.

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](#).

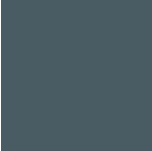
Dichromacy



Original Color
475E59

Protanopia
5B5956

Deuteranopia
61565B



Tritanopia
495C64

Trichromacy



Original Color
475E59

Protanomaly
545B57

Deuteranomaly
58595A

Tritanomaly
485D60

Monochromacy



Original Color
475E59

Achromatopsia
575757

Achromatomaly
515A58

CSS Examples

Text

The CSS property to change the color of the text to Hex 475E59 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 #475E59 looks like.

```
.text, #text, p{  
    color:#475E59  
}
```

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 #475E59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475E59
}
```

Border

The CSS property to change the border of an element to Hex 475E59 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
#475E59 }
```

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

```
.border{ border-color:#475E59 }
```

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

Here you see how a box with a 4 pixel #475E59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475E59; -webkit-box-shadow:4px 4px  
4px 4px #475E59; box-shadow:4px 4px 4px  
4px #475E59 }
```

Background

The CSS property to change the background color of an element to Hex 475E59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475E59 }
```

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

```
.background{ background-color:#475E59 }
```

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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