

Converting Colors

Hex(475E78)

Have a look what the booklet for
Hex(475E78) contains.

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Color

Hex(475E78)

Conversions

Conversions Part 1

Format	Color
Hex	475E78
RGB	71, 94, 120
RGB Percent	28%, 37%, 47%
CMY	0.7216, 0.6314, 0.5294
CMYK	0.41, 0.22, 0.00, 0.53
HSL	212°, 26%, 37%
HSV	212°, 41%, 47%
XYZ	9.9914, 10.7011, 19.3082
YIQ	90.0870, -22.0540, 3.2100

Conversions

Conversions Part 2

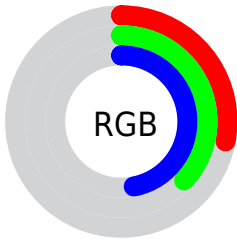
Format	Color
R_{YB}	71, 87, 120
Decimal	4677240
CIE _{Lab}	39.07, -1.41, -17.41
CIE _{LCh}	39, 17.467, 265.384
Yxy	10.7011, 0.2498, 0.2675
Android (android.graphics.Color)	4282867320 (0xFF475E78)
YUV	90.0870, 14.7471, -16.7393
Hunter-Lab	32.7125, -2.7274, -12.0966

Details

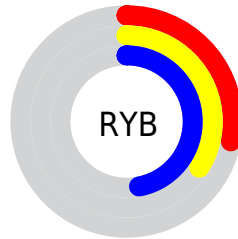
The Hex color **475E78** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **786147**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **7990AC**, and **163047** is the 20% darker color. If you saturate the color by 10%, you get **3B5878**, and if you desaturate by 10%, it is **536478**.

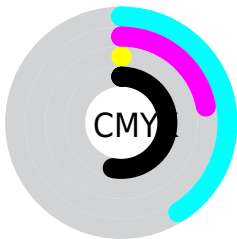
Distribution



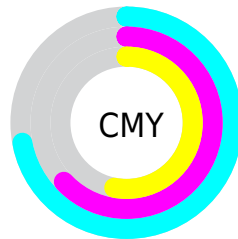
- Red (28%)
- Green (37%)
- Blue (47%)



- Red (28%)
- Yellow (34%)
- Blue (47%)



- Cyan (41%)
- Magenta (22%)
- Yellow (0%)
- Black (53%)



- Cyan (72%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 475E78 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 475E78 by changing the saturation by 10% instead.

■ 475E78

■ 475E78

FFFFFF

■ 2F465F

■ 7990AC

■ 163047

■ 94ABC8

■ 001B31

■ AFC6E4

■ 00021C

■ CBE2FF

■ 000000

■ E7FFFF

■ 475E78

■ 475E78

■ 3B5878

■ 536478

■ 2F5178

■ 5F6B78

■ 234B78

■ 6B7178

■ 174578

■ 777778

■ 0B3E78

■ 837E78

■ 003878

■ 8F8478

■ 9B8B78

■ A79178

■ B39778

Harmonies

Analogous

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



366273



475E78



5B5976

Triad

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



475E78



795251



49624B

Complementary

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



475E78



786147

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.



5A5F42



475E78



735645

Square

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



475E78



76525F



685A40



3A6459

Rectangle

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



475E78



675670



685A40



4F6148

Sweetspot

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



475E78



89929C



477860



44494F



CFCFCF



4F4F4F

Same Dimension

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



475E78



4F739C



484778



373A3D



003B7D



0076FC

Inverse Universe

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



78475E



9C4F73



777847



3D373A



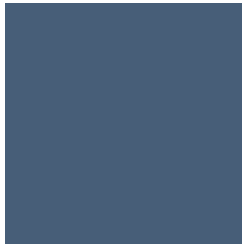
7D003B



FC0076

Previews

White Background



This preview shows how the Hex color 475E78 looks on a white background.

Color Contrast Check

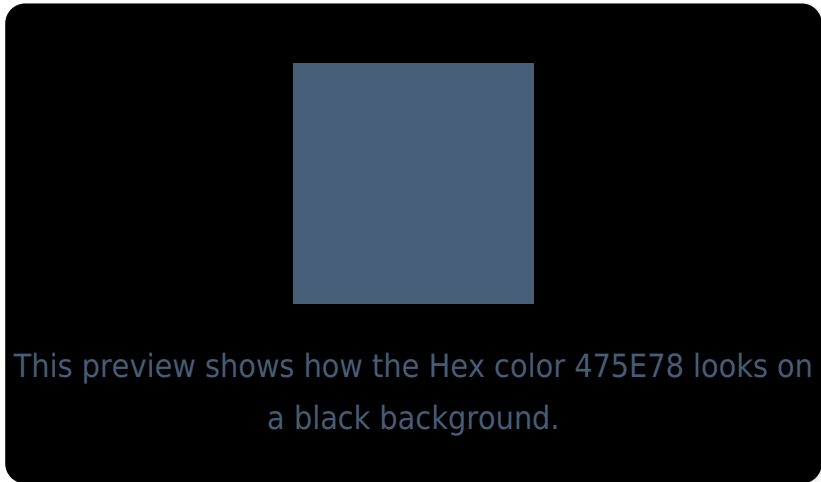
Large Text (above 18pt) WCAG AA ✓ Pass

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

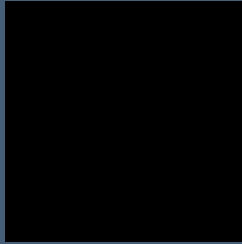
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

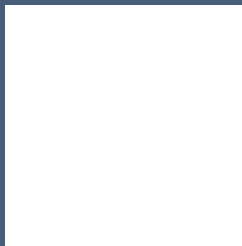
Any Text WCAG AAA × Fail

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

Hex 475E78 Background



This preview shows how black text looks on a background with the Hex color 475E78.

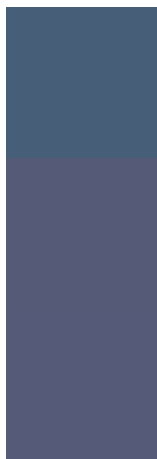


This preview shows how white text looks on a background with the Hex color 475E78.

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
475E78

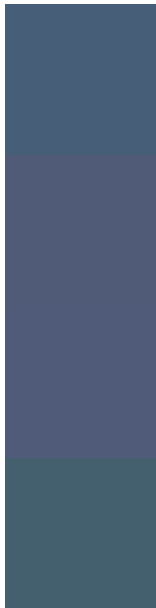
Protanopia
555B76

Deuteranopia
555A79



Tritanopia
436169

Trichromacy



Original Color
475E78

Protanomaly
505C77

Deuteranomaly
505B79

Tritanomaly
44606E

Monochromacy



Original Color
475E78

Achromatopsia
5A5A5A

Achromatomaly
535B65

CSS Examples

Text

The CSS property to change the color of the text to Hex 475E78 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 #475E78 looks like.

```
.text, #text, p{  
    color:#475E78  
}
```

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 #475E78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475E78  
}
```

Border

The CSS property to change the border of an element to Hex 475E78 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  
#475E78 }
```

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

```
.border{ border-color:#475E78 }
```

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

Here you see how a box with a 4 pixel #475E78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475E78; -webkit-box-shadow:4px 4px  
4px 4px #475E78; box-shadow:4px 4px 4px  
4px #475E78 }
```

Background

The CSS property to change the background color of an element to Hex 475E78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475E78 }
```

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

```
.background{ background-color:#475E78 }
```

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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