

Converting Colors

Hex(475373)

Have a look what the booklet for
Hex(475373) contains.

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Color

Hex(475373)

Conversions

Conversions Part 1

Format	Color
Hex	475373
RGB	71, 83, 115
RGB Percent	28%, 33%, 45%
CMY	0.7216, 0.6745, 0.5490
CMYK	0.38, 0.28, 0.00, 0.55
HSL	224°, 24%, 36%
HSV	224°, 38%, 45%
XYZ	8.7863, 8.7639, 17.4482
YIQ	83.0600, -17.4240, 7.4080

Conversions

Conversions Part 2

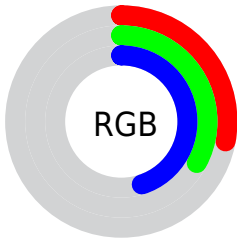
Format	Color
R_{YB}	71, 80, 115
Decimal	4674419
CIE _{Lab}	35.53, 3.98, -19.80
CIE _{LCh}	36, 20.192, 281.382
Yxy	8.7639, 0.2510, 0.2504
Android (android.graphics.Color)	4282864499 (0xFF475373)
YUV	83.0600, 15.7464, -10.5766
Hunter-Lab	29.6039, 1.1711, -14.2221

Details

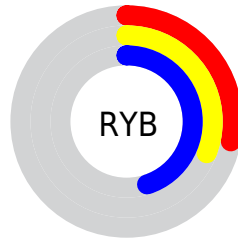
The Hex color **475373** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **736747**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7984A7**, and **182643** is the 20% darker color. If you saturate the color by 10%, you get **3C4B73**, and if you desaturate by 10%, it is **535B73**.

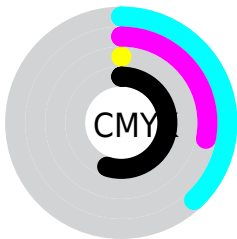
Distribution



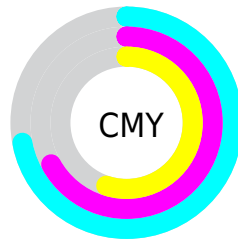
- Red (28%)
- Green (33%)
- Blue (45%)



- Red (28%)
- Yellow (31%)
- Blue (45%)



- Cyan (38%)
- Magenta (28%)
- Yellow (0%)
- Black (55%)



- Cyan (72%)
- Magenta (67%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 475373 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 475373 by changing the saturation by 10% instead.

■ 475373

■ 475373

FFFFFF

■ 2F3C5A

■ 7984A7

■ 182643

■ 939EC2

■ 00122C

■ AEB9DE

■ 000118

■ CAD5FB

■ 000000

■ E6F1FF

■ 475373

■ 475373

■ 3C4B73

■ 535B73

■ 304273

■ 5E6473

■ 253A73

■ 6A6C73

■ 193273

■ 757473

■ 0D2973

■ 817D73

■ 022173

■ 8C8573

■ 001F73

■ 988E73

■ A39673

■ AF9E73

Harmonies

Analogous

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



2E5872



475373



5D4D6C

Triad

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



475373



714A3F



335C49

Complementary

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



475373



736747

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.



47593B



475373



674F35

Square

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



475373



73474E



585534



215C59

Rectangle

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



475373



694A63



585534



3A5B44

Sweetspot

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



475373



868A96



477367



43454D



CCCCCC



4D4D4D

Same Dimension

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



475373



516496



514773



35363B



00217A



0044FA

Inverse Universe

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



734753



965164



697347



3B3536



7A0021



FA0044

Previews

White Background



This preview shows how the Hex color 475373 looks on a white background.

Color Contrast Check

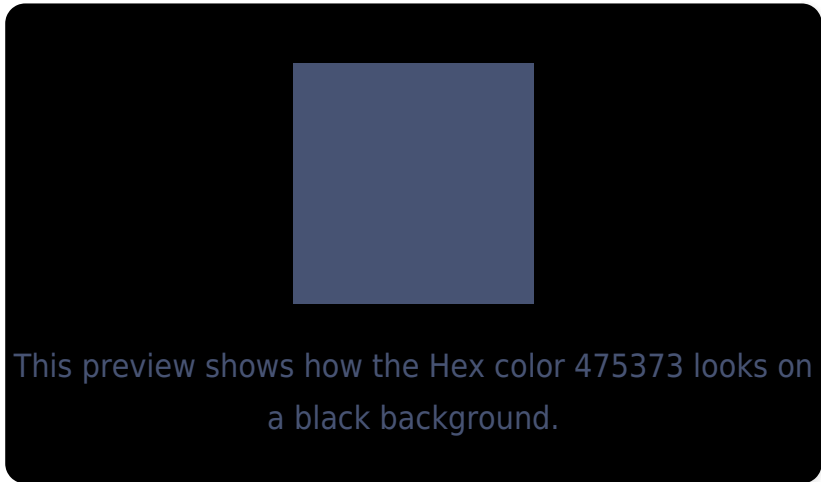
Large Text (above 18pt) WCAG AA ✓ Pass

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

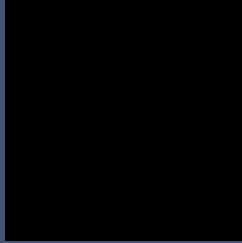
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

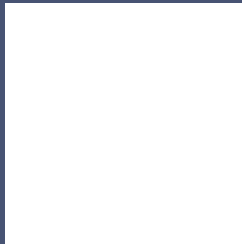
Any Text WCAG AAA × Fail

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

Hex 475373 Background



This preview shows how black text looks on a background with the Hex color 475373.

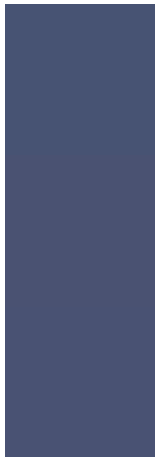


This preview shows how white text looks on a background with the Hex color 475373.

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
475373

Protanopia
4A5272

Deuteranopia
495273



Tritanopia
42575E

Trichromacy



Original Color

475373

Protanomaly

495272

Deuteranomaly

485273

Tritanomaly

445666

Monochromacy



Original Color

475373

Achromatopsia

535353

Achromatomaly

4F535F

CSS Examples

Text

The CSS property to change the color of the text to Hex 475373 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 #475373 looks like.

```
.text, #text, p{  
    color:#475373  
}
```

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 #475373 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475373
}
```

Border

The CSS property to change the border of an element to Hex 475373 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
#475373 }
```

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

```
.border{ border-color:#475373 }
```

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

Here you see how a box with a 4 pixel #475373 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475373; -webkit-box-shadow:4px 4px  
4px 4px #475373; box-shadow:4px 4px 4px  
4px #475373 }
```

Background

The CSS property to change the background color of an element to Hex 475373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475373 }
```

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

```
.background{ background-color:#475373 }
```

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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