

Converting Colors

Hex(475178)

Have a look what the booklet for
Hex(475178) contains.

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Color

Hex(475178)

Conversions

Conversions Part 1	
Format	Color
Hex	475178
RGB	71, 81, 120
RGB Percent	28%, 32%, 47%
CMY	0.7216, 0.6824, 0.5294
CMYK	0.41, 0.33, 0.00, 0.53
HSL	228°, 26%, 37%
HSV	228°, 41%, 47%
XYZ	8.9311, 8.5805, 18.9548
YIQ	82.4560, -18.4790, 10.0090

Conversions

Conversions Part 2

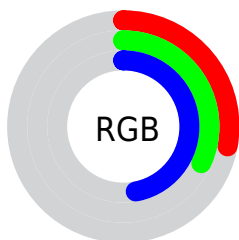
Format	Color
RYB	71, 79, 120
Decimal	4673912
CIELab	35.16, 6.78, -23.46
CIELCh	35, 24.420, 286.120
Yxy	8.5805, 0.2449, 0.2353
Android (android.graphics.Color)	4282863992 (0xFF475178)
YUV	82.4560, 18.5092, -10.0469
Hunter-Lab	29.2925, 3.1617, -17.8610

Details

The Hex color **475178** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **786E47**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7982AC**, and **162547** is the 20% darker color. If you saturate the color by 10%, you get **3B4778**, and if you desaturate by 10%, it is **535B78**.

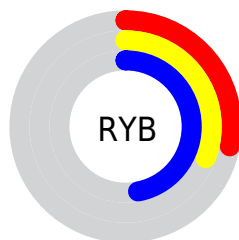
Distribution



Red (28%)

Green (32%)

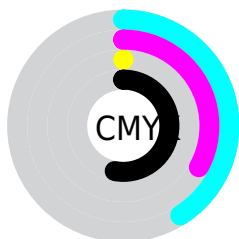
Blue (47%)



Red (28%)

Yellow (31%)

Blue (47%)

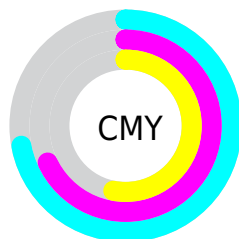


Cyan (41%)

Magenta (33%)

Yellow (0%)

Black (53%)



Cyan (72%)

Magenta (68%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 475178 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 475178 by changing the saturation by 10% instead.

 475178

 475178

FFFFFF

 2F3A5F

 7982AC

 162547

 949CC8

 001031

 AFB7E4

 00011B

 CBD3FF

 000000

 E7EFFF

 475178

 475178

 3B4778

 535B78

 2F3E78

 5F6478

 233478

 6B6E78

 172B78

 777778

 0B2178

 838178

 001878

 8F8A78

 9B9478

 A79D78

 B3A778

Harmonies

Analogous

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



235778



475178



624A6E

Triad

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



475178



744837



255C49

Complementary

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



475178



786E47

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.



3F5A37



475178



674E2D

Square

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



475178



784449



55552C



005D5D

Rectangle

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



475178



6E4663



5552C



2E5C42

Sweetspot

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



475178



898D9C



47786D



44464F



CFCFCF



4F4F4F

Same Dimension

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



475178



4F5F9C



554778



37383D



00197D



0034FC

Inverse Universe

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



784751



9C4F5F



6A7847



3D3738



7D0019



FC0034

Previews

White Background



This preview shows how the Hex color 475178 looks on a white background.

Color Contrast Check

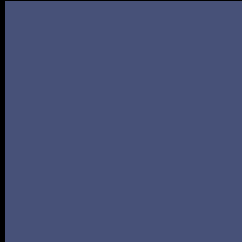
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Hex color 475178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

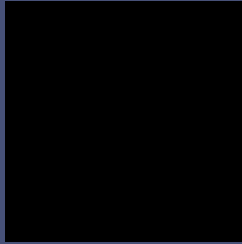
Any Text WCAG AA × Fail

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 475178 Background



This preview shows how black text looks on a background with the Hex color 475178.

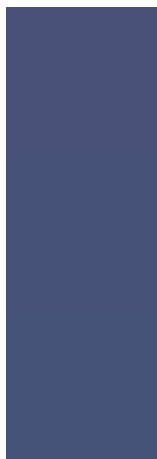


This preview shows how white text looks on a background with the Hex color 475178.

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

475178

Protanopia

465178

Deuteranopia

445278

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 475178 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 #475178 looks like.

```
.text, #text, p{  
    color:#475178  
}
```

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 #475178 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475178
}
```

Border

The CSS property to change the border of an element to Hex 475178 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
#475178 }
```

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

```
.border{ border-color:#475178 }
```

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

Here you see how a box with a 4 pixel #475178 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475178; -webkit-box-shadow:4px 4px  
4px 4px #475178; box-shadow:4px 4px 4px  
4px #475178 }
```

Background

The CSS property to change the background color of an element to Hex 475178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475178 }
```

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

```
.background{ background-color:#475178 }
```

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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