

Converting Colors

Hex(475C92)

Have a look what the booklet for
Hex(475C92) contains.

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Color

Hex(475C92)

Conversions

Conversions Part 1

Format	Color
Hex	475C92
RGB	71, 92, 146
RGB Percent	28%, 36%, 57%
CMY	0.7216, 0.6392, 0.4275
CMYK	0.51, 0.37, 0.00, 0.43
HSL	223°, 35%, 43%
HSV	223°, 51%, 57%
XYZ	11.6140, 11.0692, 28.7186
YIQ	91.8770, -29.8500, 12.3420

Conversions

Conversions Part 2

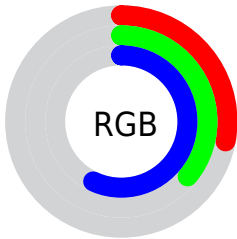
Format	Color
R _Y B	71, 87, 146
Decimal	4676754
CIE Lab	39.70, 8.04, -32.23
CIE LCh	40, 33.221, 284.008
Yxy	11.0692, 0.2259, 0.2153
Android (android.graphics.Color)	4282866834 (0xFF475C92)
YUV	91.8770, 26.6826, -18.3091
Hunter-Lab	33.2704, 4.0873, -27.8890

Details

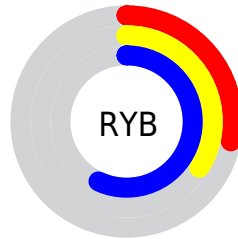
The Hex color **475C92** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **927D47**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7C8EC8**, and **0C2F5F** is the 20% darker color. If you saturate the color by 10%, you get **385192**, and if you desaturate by 10%, it is **566792**.

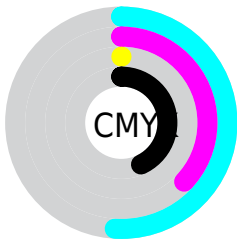
Distribution



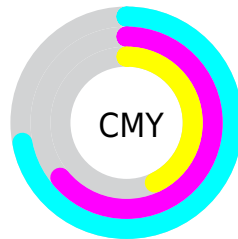
- Red (28%)
- Green (36%)
- Blue (57%)



- Red (28%)
- Yellow (34%)
- Blue (57%)



- Cyan (51%)
- Magenta (37%)
- Yellow (0%)
- Black (43%)



- Cyan (72%)
- Magenta (64%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 475C92 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 475C92 by changing the saturation by 10% instead.

■ 475C92

■ 475C92

FFFFFF

■ 2C4578

■ 7C8EC8

■ 0C2F5F

■ 97A8E4

■ 001A47

■ B3C3FF

■ 000030

■ CFDFFF

■ 00011B

■ ECFCFF

■ 000000

■ 475C92

■ 475C92

■ 385192

■ 566792

■ 2A4792

■ 647192

■ 1B3C92

■ 737C92

■ 0D3292

■ 818692

■ 002992

■ 909192

■ 9F9B92

■ ADA692

■ BCB092

■ CABB92

Harmonies

Analogous

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



006491



475C92



705185

Triad

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



475C92



8B4D39



156A4E

Complementary

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



475C92



927D47

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.



436735



475C92



7A5729

Square

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



475C92



914752



616027



006B6A

Rectangle

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



475C92



824B76



616027



296945

Sweetspot

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



475C92



A0A8BD



47927D



4D525E



DEDEDE



5E5E5E

Same Dimension

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



475C92



4868BD



574792



43454A



00278A



00030A

Inverse Universe

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



92475C



BD4868



829247



4A4345



8A0027



0A0003

Previews

White Background



This preview shows how the Hex color 475C92 looks on a white background.

Color Contrast Check

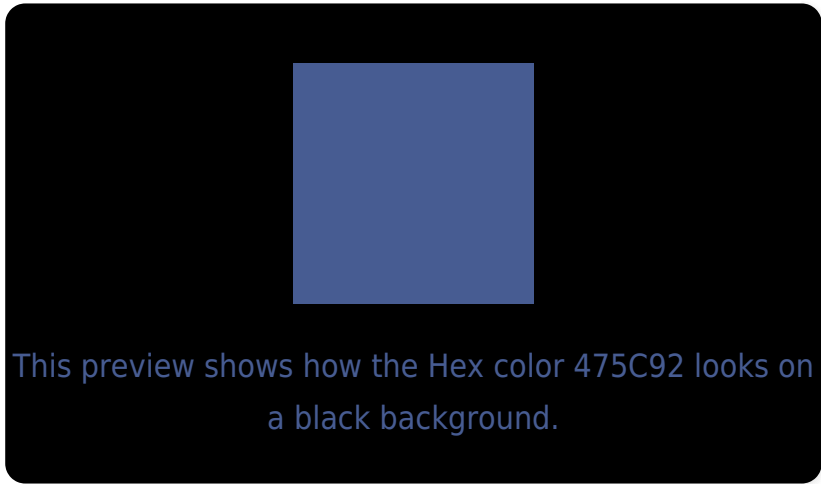
Large Text (above 18pt) WCAG AA ✓ Pass

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

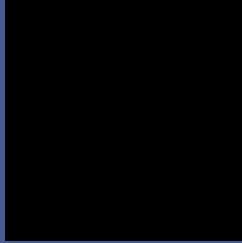
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

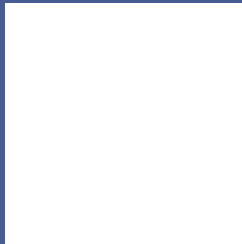
Any Text WCAG AAA × Fail

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

Hex 475C92 Background



This preview shows how black text looks on a background with the Hex color 475C92.



This preview shows how white text looks on a background with the Hex color 475C92.

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
475C92

Protanopia
495C92

Deuteranopia
425D92



Tritanopia
3A646C

Trichromacy



Original Color
475C92

Protanomaly
485C92

Deuteranomaly
445D92

Tritanomaly
3F617A

Monochromacy



Original Color
475C92

Achromatopsia
5C5C5C

Achromatomaly
545C70

CSS Examples

Text

The CSS property to change the color of the text to Hex 475C92 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 #475C92 looks like.

```
.text, #text, p{  
    color:#475C92  
}
```

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 #475C92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475C92
}
```

Border

The CSS property to change the border of an element to Hex 475C92 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
#475C92 }
```

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

```
.border{ border-color:#475C92 }
```

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

Here you see how a box with a 4 pixel #475C92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475C92; -webkit-box-shadow:4px 4px  
4px 4px #475C92; box-shadow:4px 4px 4px  
4px #475C92 }
```

Background

The CSS property to change the background color of an element to Hex 475C92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475C92 }
```

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

```
.background{ background-color:#475C92 }
```

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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