

Converting Colors

Hex(481188)

Have a look what the booklet for
Hex(481188) contains.

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Color

Hex(481188)

Conversions

Conversions Part 1

Format	Color
Hex	481188
RGB	72, 17, 136
RGB Percent	28%, 7%, 53%
CMY	0.7176, 0.9333, 0.4667
CMYK	0.47, 0.88, 0.00, 0.47
HSL	268°, 78%, 30%
HSV	268°, 88%, 53%
XYZ	7.3169, 3.5562, 23.5933
YIQ	47.0110, -5.4190, 48.6690

Conversions

Conversions Part 2

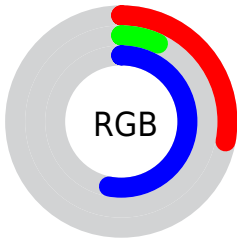
Format	Color
R_{YB}	72, 17, 136
Decimal	4723080
CIE _{Lab}	22.15, 48.28, -54.36
CIE _{LCh}	22, 72.699, 311.609
Yxy	3.5562, 0.2123, 0.1032
Android (android.graphics.Color)	4282913160 (0xFF481188)
YUV	47.0110, 43.8716, 21.9154
Hunter-Lab	18.8579, 36.2569, -60.9780

Details

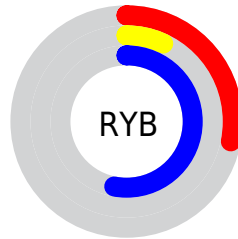
The Hex color **481188** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **518811**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **7F46BE**, and **0C0055** is the 20% darker color. If you saturate the color by 10%, you get **410388**, and if you desaturate by 10%, it is **4F1F88**.

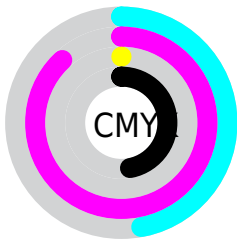
Distribution



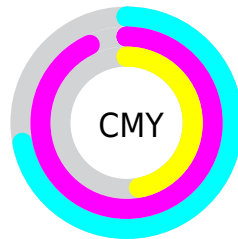
- Red (28%)
- Green (7%)
- Blue (53%)



- Red (28%)
- Yellow (7%)
- Blue (53%)



- Cyan (47%)
- Magenta (88%)
- Yellow (0%)
- Black (47%)



- Cyan (72%)
- Magenta (93%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 481188 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 481188 by changing the saturation by 10% instead.

481188

481188

FFFFFF

2B006E

7F46BE

0C0055

9B5FDB

00003D

B879F8

000226

D594FF

00010F

F2AFFF

000000

FFCBFF

FFE7FF

481188

481188

■ 410388

■ 4F1F88

■ 3F0088

■ 572C88

■ 5E3A88

■ 654788

■ 6D5588

■ 746388

■ 7B7088

■ 837E88

■ 8A8B88

Harmonies

Analogous

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



0038A3



481188



7F0058

Triad

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



481188



5C2500



00484A

Complementary

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



481188



518811

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.



00460E



481188



2F3A00

Square

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



481188



7D0000



004200



00487D

Rectangle

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



481188



8B0035



004200



004737

Sweetspot

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



481188



9782B0



115288



4A3E59



D9D9D9



595959

Same Dimension

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



481188



5100B0



821188



413E45



3D0085



020005

Inverse Universe

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



881151



B0005F



178811



453E42



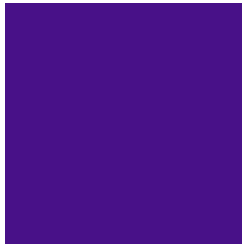
850047



050003

Previews

White Background



This preview shows how the Hex color 481188 looks on a white background.

Color Contrast Check

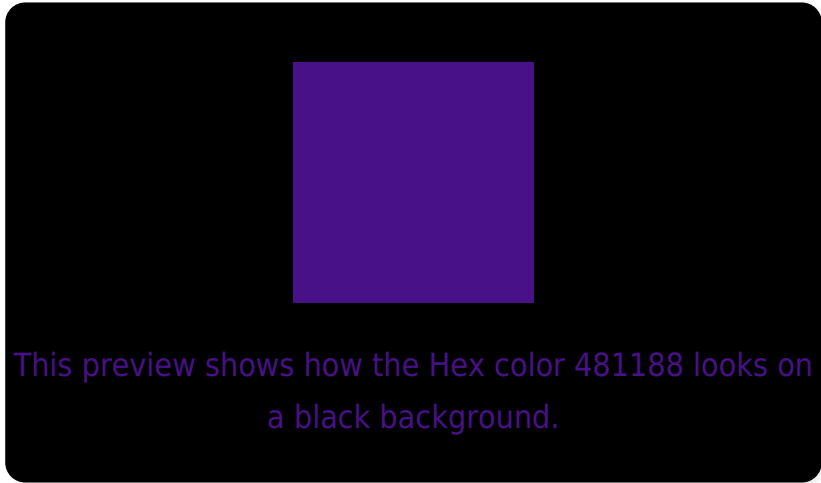
Large Text (above 18pt) WCAG AA ✓ Pass

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

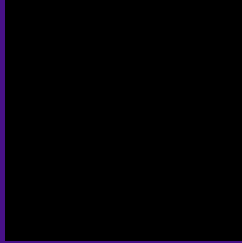
Any Text WCAG AA × Fail

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 481188 Background



This preview shows how black text looks on a background with the Hex color 481188.



This preview shows how white text looks on a background with the Hex color 481188.

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
481188

Protanopia
00356F

Deuteranopia
00385F



Tritanopia
34373B

Trichromacy



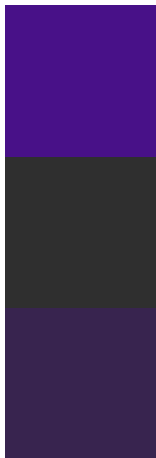
Original Color
481188

Protanomaly
1A2878

Deuteranomaly
1A2A6E

Tritanomaly
3B2957

Monochromacy



Original Color
481188

Achromatopsia
2F2F2F

Achromatomaly
38244F

CSS Examples

Text

The CSS property to change the color of the text to Hex 481188 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 #481188 looks like.

```
.text, #text, p{  
    color:#481188  
}
```

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 #481188 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #481188
}
```

Border

The CSS property to change the border of an element to Hex 481188 is called "border". The border property can be set on classes, ids or directly on the HTML element.

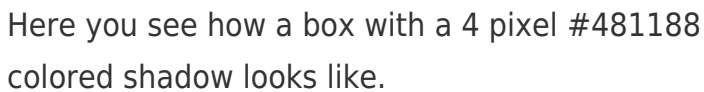
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#481188 }
```

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

```
.border{ border-color:#481188 }
```

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



Here you see how a box with a 4 pixel #481188 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #481188; -webkit-box-shadow:4px 4px  
4px 4px #481188; box-shadow:4px 4px 4px  
4px #481188 }
```

Background

The CSS property to change the background color of an element to Hex 481188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#481188 }
```

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

```
.background{ background-color:#481188 }
```

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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