

# Converting Colors

Hex(481F5B)

Have a look what the booklet for  
Hex(481F5B) contains.

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# Color

**Hex(481F5B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	481F5B
RGB	72, 31, 91
RGB Percent	28%, 12%, 36%
CMY	0.7176, 0.8784, 0.6431
CMYK	0.21, 0.66, 0.00, 0.64
HSL	281°, 49%, 24%
HSV	281°, 66%, 36%
XYZ	5.0508, 3.1130, 10.2322
YIQ	50.0990, 5.1760, 27.3520

# Conversions

## Conversions Part 2

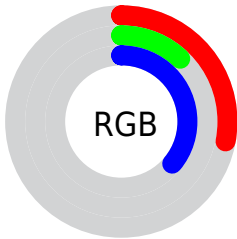
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 31, 91
Decimal	4726619
CIE <sub>Lab</sub>	20.49, 30.69, -28.01
CIE <sub>LCh</sub>	20, 41.553, 317.612
Yxy	3.1130, 0.2746, 0.1692
Android (android.graphics.Color)	4282916699 (0xFF481F5B)
YUV	50.0990, 20.1642, 19.2072
Hunter-Lab	17.6438, 20.2218, -22.0336

# Details

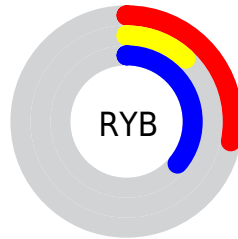
The Hex color **481F5B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **325B1F**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **7B4E8E**, and **1E002D** is the 20% darker color. If you saturate the color by 10%, you get **45165B**, and if you desaturate by 10%, it is **4B285B**.

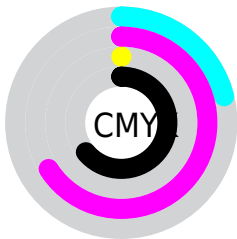
# Distribution



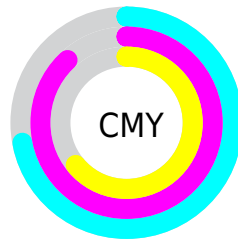
- Red (28%)
- Green (12%)
- Blue (36%)



- Red (28%)
- Yellow (12%)
- Blue (36%)



- Cyan (21%)
- Magenta (66%)
- Yellow (0%)
- Black (64%)



- Cyan (72%)
- Magenta (88%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 481F5B 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 481F5B by changing the saturation by 10% instead.



 481F5B

 481F5B

FFFFFF

 300743

 7B4E8E

 1E002D

 9567A8

 000117

 B080C4

 000000

 CC9AE0

 E9B5FC

 FFD1FF

 FFEEFF

 481F5B

 481F5B

■ 45165B

■ 4B285B

■ 420D5B

■ 4E315B

■ 3F045B

■ 513A5B

■ 3E005B

■ 54435B

■ 564D5B

■ 59565B

■ 5C5F5B

■ 5F685B

■ 62715B

# Harmonies

## Analogous

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



002F6C



481F5B



600B3F

# Triad

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



481F5B



482B00



003E43

# Complementary

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



481F5B



325B1F

# 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.



003E23



481F5B



2E3500

# Square

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



481F5B



5C1C00



003B00



003D5E

# Rectangle

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



481F5B



66062B



003B00



003E39



# Sweetspot

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



481F5B



6E5E75



1F325B



362D3B



BABABA



3B3B3B



# Same Dimension

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



481F5B



581975



5B1F50



2C292E



4B006E



A200ED



# Inverse Universe

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



5B1F32



751936



1F5B2A



2E292B



6E0023

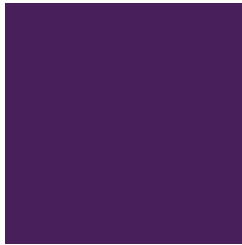


ED004B



# Previews

## White Background



This preview shows how the Hex color 481F5B looks on a white background.

## Color Contrast Check

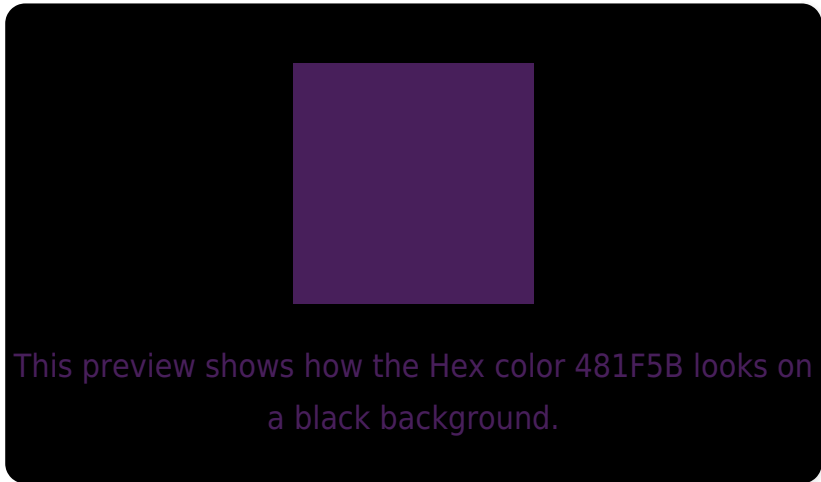
Large Text (above 18pt) WCAG AA ✓ Pass

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

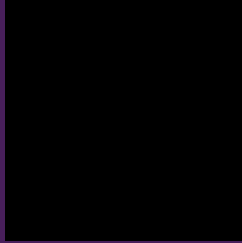
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 481F5B Background



This preview shows how black text looks on a background with the Hex color 481F5B.

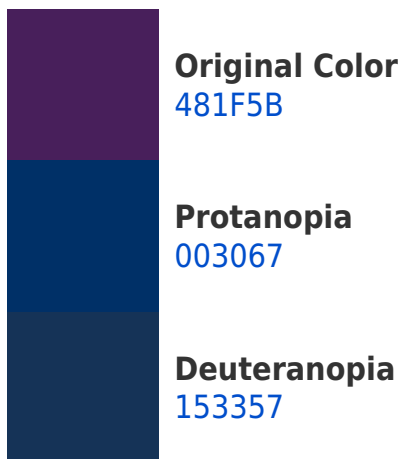


This preview shows how white text looks on a background with the Hex color 481F5B.

# 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





**Tritanopia**  
412C30

# Trichromacy



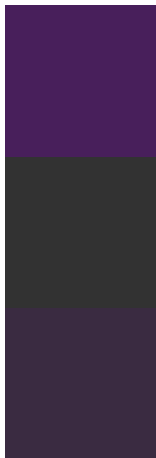
**Original Color**  
481F5B

**Protanomaly**  
1A2A63

**Deuteranomaly**  
282C58

**Tritanomaly**  
442740

# Monochromacy



**Original Color**  
481F5B

**Achromatopsia**  
323232

**Achromatomaly**  
3A2B41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 481F5B 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 #481F5B looks like.

```
.text, #text, p{  
    color:#481F5B  
}
```

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 #481F5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #481F5B
}
```

## Border

The CSS property to change the border of an element to Hex 481F5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

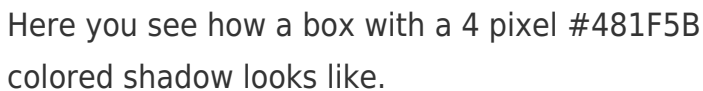
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#481F5B }
```

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

```
.border{ border-color:#481F5B }
```

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



Here you see how a box with a 4 pixel #481F5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #481F5B; -webkit-box-shadow:4px 4px  
4px 4px #481F5B; box-shadow:4px 4px 4px  
4px #481F5B }
```

# Background

The CSS property to change the background color of an element to Hex 481F5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#481F5B }
```

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

```
.background{ background-color:#481F5B }
```

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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