

Converting Colors

Hex(482F95)

Have a look what the booklet for
Hex(482F95) contains.

Hex(482F95)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(482F95)

Conversions

Conversions Part 1

Format	Color
Hex	482F95
RGB	72, 47, 149
RGB Percent	28%, 18%, 58%
CMY	0.7176, 0.8157, 0.4157
CMYK	0.52, 0.68, 0.00, 0.42
HSL	255°, 52%, 38%
HSV	255°, 68%, 58%
XYZ	9.1138, 5.5807, 29.0306
YIQ	66.1030, -17.8420, 37.0220

Conversions

Conversions Part 2

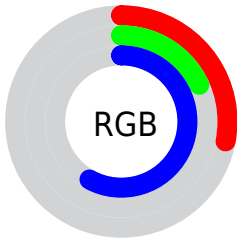
Format	Color
R_{YB}	72, 47, 149
Decimal	4730773
CIE _{Lab}	28.33, 37.78, -52.30
CIE _{LCh}	28, 64.515, 305.846
Yxy	5.5807, 0.2084, 0.1276
Android (android.graphics.Color)	4282920853 (0xFF482F95)
YUV	66.1030, 40.8682, 5.1717
Hunter-Lab	23.6235, 27.5234, -56.3244

Details

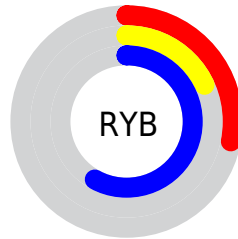
The Hex color **482F95** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7C952F**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **7F5FCC**, and **020261** is the 20% darker color. If you saturate the color by 10%, you get **3D2095**, and if you desaturate by 10%, it is **533E95**.

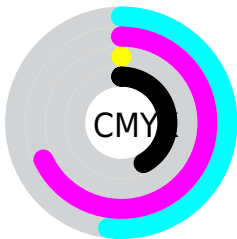
Distribution



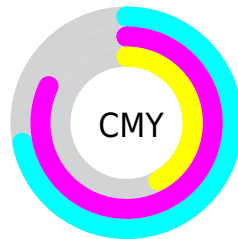
- Red (28%)
- Green (18%)
- Blue (58%)



- Red (28%)
- Yellow (18%)
- Blue (58%)



- Cyan (52%)
- Magenta (68%)
- Yellow (0%)
- Black (42%)



- Cyan (72%)
- Magenta (82%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 482F95 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 482F95 by changing the saturation by 10% instead.

 482F95

 482F95

FFFFFF

 2B187B

 7F5FCC

 020261

 9B78E9

 000049

 B892FF

 000431

 D4ADFF

 00011B

 F2C9FF

 000000

 FFE5FF

 482F95

 482F95

 3D2095

 533E95

■ 321195

■ 5E4D95

■ 260295

■ 6A5C95

■ 250095

■ 756B95

■ 807A95

■ 8B8895

■ 979795

■ A2A695

■ ADB595

Harmonies

Analogous

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



0047A8



482F95



83006D

Triad

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



482F95



722F00



00564C

Complementary

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



482F95



7C952F

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.



005415



482F95



4A4400

Square

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



482F95



8D000A



0A4F00



00567D

Rectangle

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



482F95



92004C



0A4F00



00553A

Sweetspot

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



482F95



A399C2



2F7D95



4F4961



E0E0E0



616161

Same Dimension

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



482F95



4A23C2



7A2F95



44434A



22008A



03000A

Inverse Universe

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



952F7C



C2239B



4A952F



4A4348



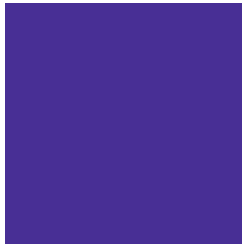
8A0068



0A0008

Previews

White Background



This preview shows how the Hex color 482F95 looks on a white background.

Color Contrast Check

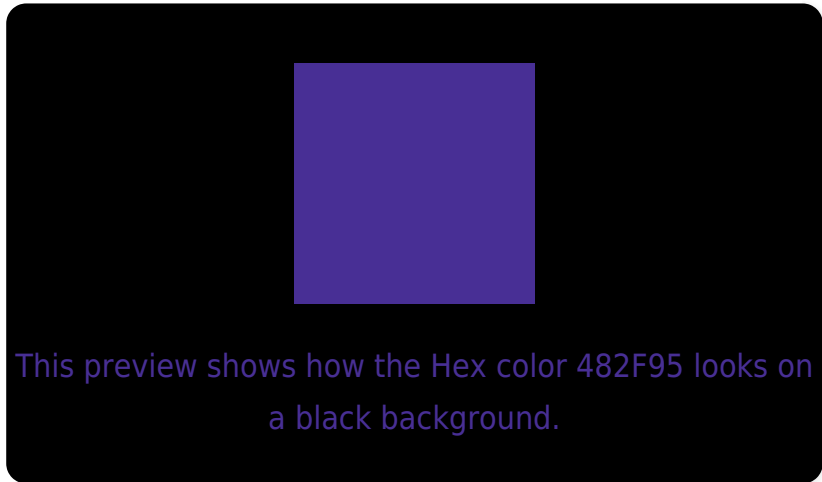
Large Text (above 18pt) WCAG AA ✓ Pass

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

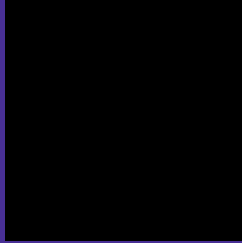
Any Text WCAG AA × Fail

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 482F95 Background



This preview shows how black text looks on a background with the Hex color 482F95.



This preview shows how white text looks on a background with the Hex color 482F95.

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](#).

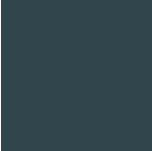
Dichromacy



Original Color
482F95

Protanopia
004189

Deuteranopia
004576



Tritanopia
31464C

Trichromacy



Original Color
482F95

Protanomaly
1A3A8D

Deuteranomaly
1A3D81

Tritanomaly
393E67

Monochromacy



Original Color
482F95

Achromatopsia
424242

Achromatomaly
443B60

CSS Examples

Text

The CSS property to change the color of the text to Hex 482F95 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 #482F95 looks like.

```
.text, #text, p{  
    color:#482F95  
}
```

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 #482F95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #482F95
}
```

Border

The CSS property to change the border of an element to Hex 482F95 is called "border". The border property can be set on classes, ids or directly on the HTML element.

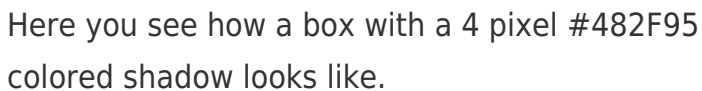
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#482F95 }
```

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

```
.border{ border-color:#482F95 }
```

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



Here you see how a box with a 4 pixel #482F95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #482F95; -webkit-box-shadow:4px 4px  
4px 4px #482F95; box-shadow:4px 4px 4px  
4px #482F95 }
```

Background

The CSS property to change the background color of an element to Hex 482F95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#482F95 }
```

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

```
.background{ background-color:#482F95 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor