

# Converting Colors

Hex(482FAA)

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

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

# Color

Hex(482FAA)

# Conversions

## Conversions Part 1

Format	Color
Hex	482FAA
RGB	72, 47, 170
RGB Percent	28%, 18%, 67%
CMY	0.7176, 0.8157, 0.3333
CMYK	0.58, 0.72, 0.00, 0.33
HSL	252°, 57%, 43%
HSV	252°, 72%, 67%
XYZ	10.9447, 6.3130, 38.6719
YIQ	68.4970, -24.5830, 43.5530

# Conversions

## Conversions Part 2

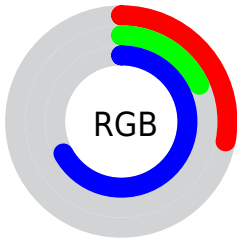
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 47, 170
Decimal	4730794
CIE Lab	30.19, 44.16, -62.00
CIE LCh	30, 76.121, 305.462
Yxy	6.3130, 0.1957, 0.1129
Android (android.graphics.Color)	4282920874 (0xFF482FAA)
YUV	68.4970, 50.0410, 3.0721
Hunter-Lab	25.1257, 33.7841, -73.6673

# Details

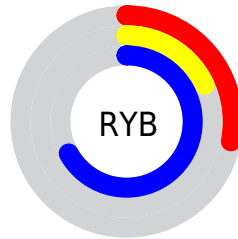
The Hex color **482FAA** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **91AA2F**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **8260E2**, and **000075** is the 20% darker color. If you saturate the color by 10%, you get **3A1EAA**, and if you desaturate by 10%, it is **5640AA**.

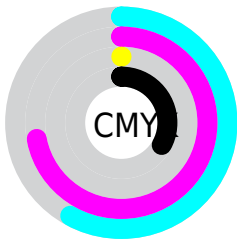
# Distribution



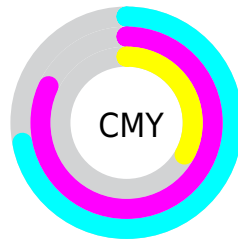
- Red (28%)
- Green (18%)
- Blue (67%)



- Red (28%)
- Yellow (18%)
- Blue (67%)



- Cyan (58%)
- Magenta (72%)
- Yellow (0%)
- Black (33%)



- Cyan (72%)
- Magenta (82%)
- Yellow (33%)

# Brightness & Saturation Gradients

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



482FAA

482FAA

FFFFFF

27178F

8260E2

000075

9F79FF

00005B

BC93FF

000642

DAAEFF

00032B

F8CAFF

000116

FFE6FF

000000

482FAA

482FAA

3A1EAA

5640AA

■ 2D0DAA

■ 6351AA

■ 2300AA

■ 7162AA

■ 7E73AA

■ 8C84AA

■ 9995AA

■ A7A6AA

■ B4B7AA

■ C2C8AA

# Harmonies

## Analogous

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



004DC1



482FAA



92007A

# Triad

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



482FAA



7D2F00



005D51

# Complementary

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



482FAA



91AA2F

# 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.



005A0D



482FAA



4E4900

# Square

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



482FAA



9D0002



005500



005D8C

# Rectangle

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



482FAA



A40053



005500



005C3C



# Sweetspot

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



482FAA



B7ADDE



2F91AA



595370



F0F0F0



707070



# Same Dimension

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



482FAA



441DDE



852FAA



4D4C54



1E0094



040014



# Inverse Universe

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



AA2F91



DE1DB7



54AA2F



544C52



940076



140010



# Previews

## White Background



This preview shows how the Hex color 482FAA 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

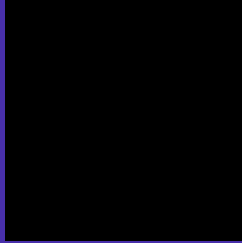
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 482FAA Background



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

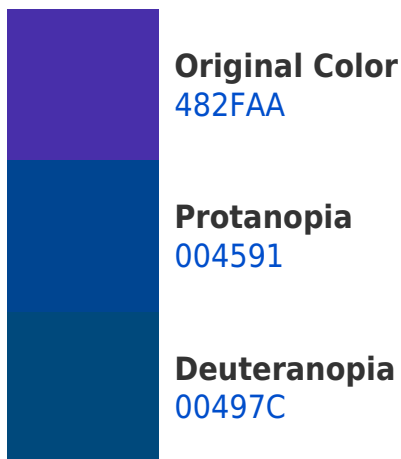


This preview shows how white text looks on a background with the Hex color 482FAA.

# 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**  
254D53

# Trichromacy



**Original Color**  
482FAA

**Protanomaly**  
1A3D9A

**Deuteranomaly**  
1A408D

**Tritanomaly**  
324273

# Monochromacy



**Original Color**  
482FAA

**Achromatopsia**  
444444

**Achromatomaly**  
453C69

# CSS Examples

## Text

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

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

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 #482FAA colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 482FAA 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
#482FAA }
```

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

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

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

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

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

# Background

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

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

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

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

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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