

# Converting Colors

Hex(452B8A)

Have a look what the booklet for  
Hex(452B8A) contains.

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# Color

**Hex(452B8A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	452B8A
RGB	69, 43, 138
RGB Percent	27%, 17%, 54%
CMY	0.7294, 0.8314, 0.4588
CMYK	0.50, 0.69, 0.00, 0.46
HSL	256°, 52%, 35%
HSV	256°, 69%, 54%
XYZ	7.9056, 4.8279, 24.5600
YIQ	61.6040, -14.9990, 35.0570

# Conversions

## Conversions Part 2

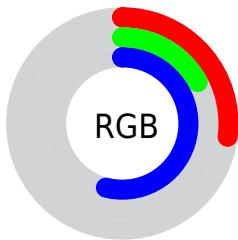
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 43, 138
Decimal	4533130
CIELab	26.24, 36.19, -48.92
CIELCh	26, 60.853, 306.496
Yxy	4.8279, 0.2120, 0.1295
Android (android.graphics.Color)	4282723210 (0xFF452B8A)
YUV	61.6040, 37.6632, 6.4863
Hunter-Lab	21.9726, 25.7709, -50.8909

# Details

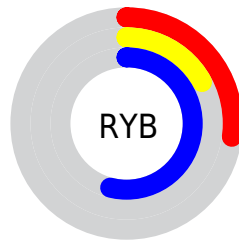
The Hex color **452B8A** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **708A2B**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **7B5AC0**, and **030057** is the 20% darker color. If you saturate the color by 10%, you get **3B1D8A**, and if you desaturate by 10%, it is **4F398A**.

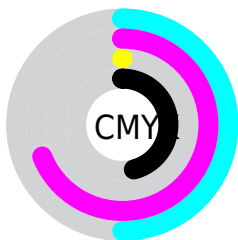
# Distribution



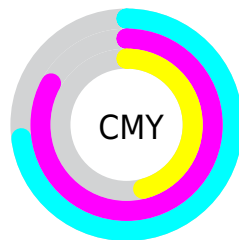
- Red (27%)
- Green (17%)
- Blue (54%)



- Red (27%)
- Yellow (17%)
- Blue (54%)



- Cyan (50%)
- Magenta (69%)
- Yellow (0%)
- Black (46%)



- Cyan (73%)
- Magenta (83%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 452B8A 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 452B8A by changing the saturation by 10% instead.





452B8A



452B8A

FFFFFF



291470



7B5AC0



030057



9774DD



00003F



B38DF9



000328



D0A8FF



000112



EDC4FF



000000



FFE0FF



FFFDFF



452B8A



452B8A

■ 3B1D8A

■ 4F398A

■ 310F8A

■ 59478A

■ 27028A

■ 63548A

■ 26008A

■ 6D628A

■ 77708A

■ 817E8A

■ 8B8C8A

■ 95998A

■ 9FA78A

# Harmonies

## Analogous

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



00429C



452B8A



7A0064

# Triad

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



452B8A



692D00



005047

# Complementary

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



452B8A



708A2B

# 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.



004E15



452B8A



444000

# Square

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



452B8A



830007



074A00



005075

# Rectangle

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



452B8A



880046



074A00



005037



# Sweetspot

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



452B8A



978DB3



2B718A



494359



D9D9D9



595959



# Same Dimension

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



452B8A



471EB3



742B8A



403E45



240085



010005



# Inverse Universe

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



8A2B70



B31E8A



418A2B



453E43



850060

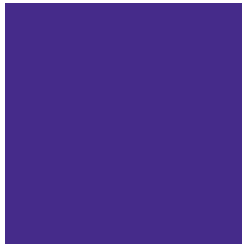


050004



# Previews

## White Background



This preview shows how the Hex color 452B8A looks on a white background.

## Color Contrast Check

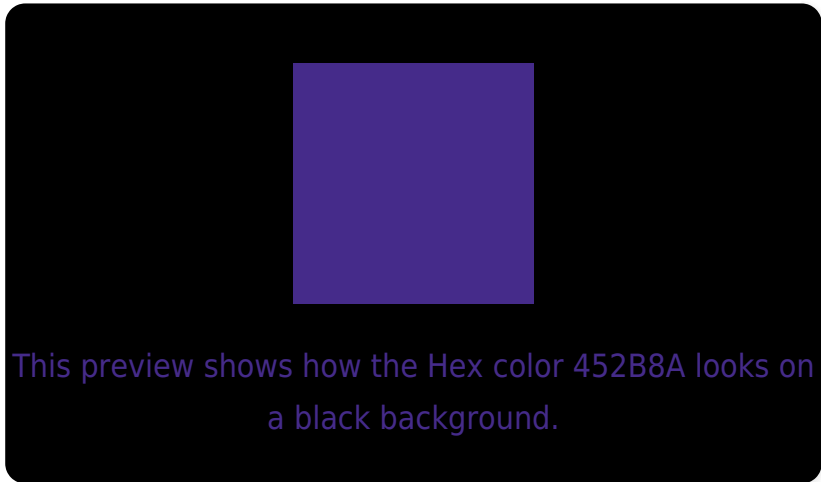
Large Text (above 18pt) WCAG AA ✓ Pass

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

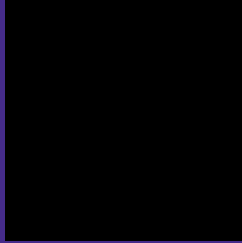
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 452B8A Background



This preview shows how black text looks on a background with the Hex color 452B8A.

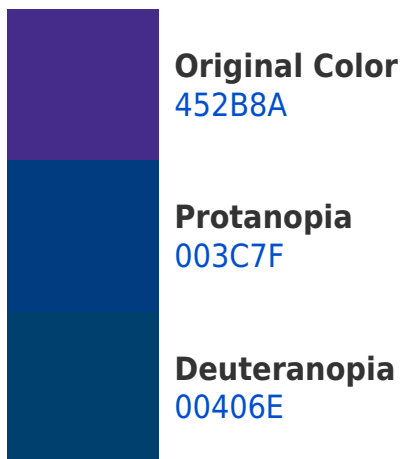


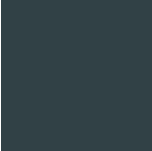
This preview shows how white text looks on a background with the Hex color 452B8A.

# 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**  
314146

# Trichromacy



**Original Color**  
452B8A

**Protanomaly**  
193683

**Deuteranomaly**  
193878

**Tritanomaly**  
38395F

# Monochromacy



**Original Color**  
452B8A

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
41375A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 452B8A 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 #452B8A looks like.

```
.text, #text, p{  
    color:#452B8A  
}
```

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 #452B8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #452B8A
}
```

## Border

The CSS property to change the border of an element to Hex 452B8A 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".

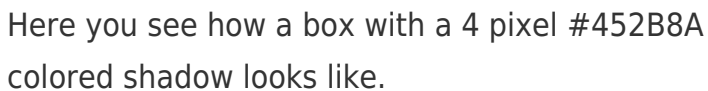
```
.border, #border, table{ border:4px solid
#452B8A }
```

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

```
.border{ border-color:#452B8A }
```

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

Here you see how a box with a 4 pixel #452B8A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #452B8A; -webkit-box-shadow:4px 4px  
4px 4px #452B8A; box-shadow:4px 4px 4px  
4px #452B8A }
```

# Background

The CSS property to change the background color of an element to Hex 452B8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#452B8A }
```

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

```
.background{ background-color:#452B8A }
```

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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