

Converting Colors

Hex(452B88)

Have a look what the booklet for
Hex(452B88) contains.

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Color

Hex(452B88)

Conversions

Conversions Part 1

Format	Color
Hex	452B88
RGB	69, 43, 136
RGB Percent	27%, 17%, 53%
CMY	0.7294, 0.8314, 0.4667
CMYK	0.49, 0.68, 0.00, 0.47
HSL	257°, 52%, 35%
HSV	257°, 68%, 53%
XYZ	7.7621, 4.7705, 23.8043
YIQ	61.3760, -14.3570, 34.4350

Conversions

Conversions Part 2

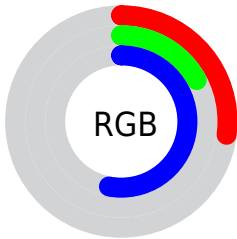
Format	Color
RYB	69, 43, 136
Decimal	4533128
CIELab	26.07, 35.59, -47.95
CIElCh	26, 59.712, 306.584
Yxy	4.7705, 0.2136, 0.1313
Android (android.graphics.Color)	4282723208 (0xFF452B88)
YUV	61.3760, 36.7896, 6.6862
Hunter-Lab	21.8416, 25.2126, -49.3287

Details

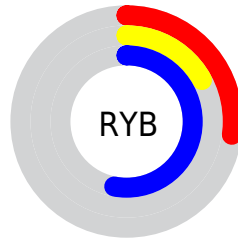
The Hex color **452B88** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **6E882B**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **7B5ABE**, and **050055** is the 20% darker color. If you saturate the color by 10%, you get **3B1D88**, and if you desaturate by 10%, it is **4F3988**.

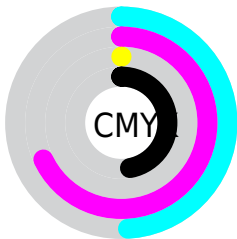
Distribution



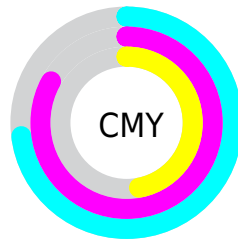
- Red (27%)
- Green (17%)
- Blue (53%)



- Red (27%)
- Yellow (17%)
- Blue (53%)



- Cyan (49%)
- Magenta (68%)
- Yellow (0%)
- Black (47%)



- Cyan (73%)
- Magenta (83%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 452B88 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 452B88 by changing the saturation by 10% instead.

 452B88

 452B88

FFFFFF

 29146E

 7B5ABE

 050055

 9773DA

 00003D

 B38DF7

 000326

 CFA8FF

 00010F

 ECC4FF

 000000

 FFE0FF

 FFFCFF

 452B88

 452B88

■ 3B1D88

■ 4F3988

■ 311088

■ 594688

■ 280288

■ 625488

■ 260088

■ 6C6188

■ 766F88

■ 807D88

■ 8A8A88

■ 939888

■ 9DA588

Harmonies

Analogous

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



00419A



452B88



790063

Triad

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



452B88



682D00



004F47

Complementary

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



452B88



6E882B

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.



004E16



452B88



443F00

Square

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



452B88



810308



0A4900



004F74

Rectangle

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



452B88



870045



0A4900



004F37

Sweetspot

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



452B88



958BB0



2B6F88



494359



D9D9D9



595959

Same Dimension

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



452B88



4820B0



722B88



403E45



250085



010005

Inverse Universe

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



882B6E



B02088



41882B



453E43



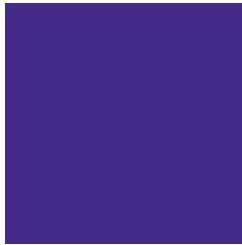
850060



050004

Previews

White Background



This preview shows how the Hex color 452B88 looks on a white background.

Color Contrast Check

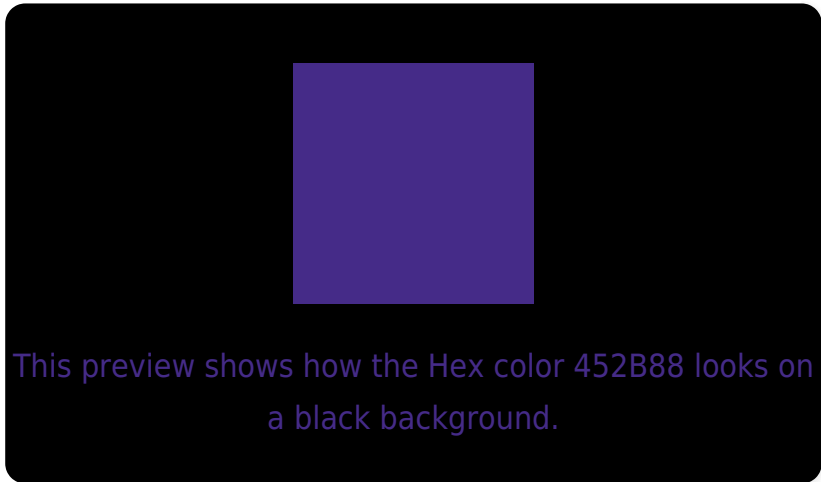
Large Text (above 18pt) WCAG AA ✓ Pass

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

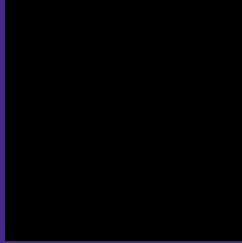
Any Text WCAG AA × Fail

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 452B88 Background



This preview shows how black text looks on a background with the Hex color 452B88.

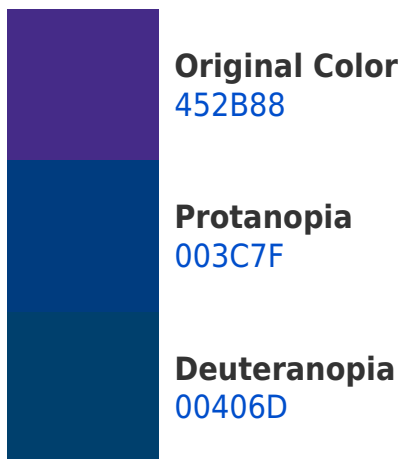


This preview shows how white text looks on a background with the Hex color 452B88.

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
324046

Trichromacy



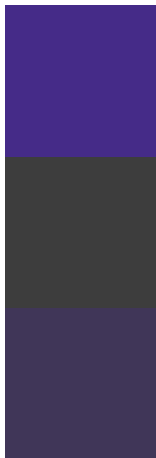
Original Color
452B88

Protanomaly
193682

Deuteranomaly
193877

Tritanomaly
39385E

Monochromacy



Original Color
452B88

Achromatopsia
3D3D3D

Achromatomaly
403658

CSS Examples

Text

The CSS property to change the color of the text to Hex 452B88 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 #452B88 looks like.

```
.text, #text, p{  
    color:#452B88  
}
```

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 #452B88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #452B88
}
```

Border

The CSS property to change the border of an element to Hex 452B88 is called "border". The border property can be set on classes, ids or directly on the HTML element.

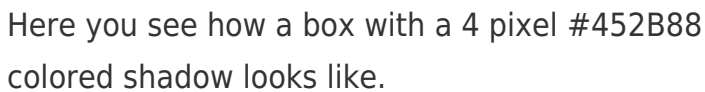
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#452B88 }
```

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

```
.border{ border-color:#452B88 }
```

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



Here you see how a box with a 4 pixel #452B88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #452B88; -webkit-box-shadow:4px 4px  
4px 4px #452B88; box-shadow:4px 4px 4px  
4px #452B88 }
```

Background

The CSS property to change the background color of an element to Hex 452B88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#452B88 }
```

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

```
.background{ background-color:#452B88 }
```

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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