

Converting Colors

Hex(452D86)

Have a look what the booklet for
Hex(452D86) contains.

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Color

Hex(452D86)

Conversions

Conversions Part 1

Format	Color
Hex	452D86
RGB	69, 45, 134
RGB Percent	27%, 18%, 53%
CMY	0.7294, 0.8235, 0.4745
CMYK	0.49, 0.66, 0.00, 0.47
HSL	256°, 50%, 35%
HSV	256°, 66%, 53%
XYZ	7.6957, 4.8632, 23.0873
YIQ	62.3220, -14.2650, 32.7670

Conversions

Conversions Part 2

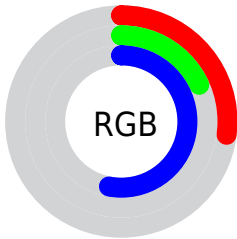
Format	Color
R _Y B	69, 45, 134
Decimal	4533638
CIE Lab	26.34, 33.80, -46.26
CIE LCh	26, 57.293, 306.156
Yxy	4.8632, 0.2159, 0.1364
Android (android.graphics.Color)	4282723718 (0xFF452D86)
YUV	62.3220, 35.3373, 5.8566
Hunter-Lab	22.0527, 23.6988, -46.6348

Details

The Hex color **452D86** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **6E862D**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **7B5CBC**, and **070153** is the 20% darker color. If you saturate the color by 10%, you get **3B2086**, and if you desaturate by 10%, it is **4F3A86**.

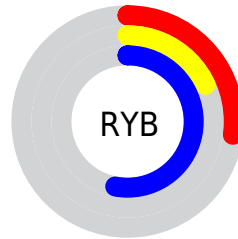
Distribution



Red (27%)

Green (18%)

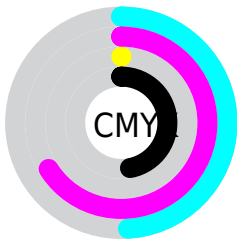
Blue (53%)



Red (27%)

Yellow (18%)

Blue (53%)

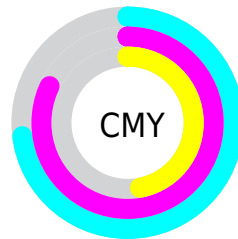


Cyan (49%)

Magenta (66%)

Yellow (0%)

Black (47%)



Cyan (73%)

Magenta (82%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 452D86 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 452D86 by changing the saturation by 10% instead.

■ 452D86

■ 452D86

FFFFFF

■ 2A176C

■ 7B5CBC

■ 070153

■ 9675D8

■ 00003C

■ B28FF5

■ 000225

■ CEA AFF

■ 00010D

■ EBC5FF

■ 000000

■ FFE2FF

■ FFFE FF

■ 452D86

■ 452D86

■ 3B2086

■ 4F3A86

■ 311286

■ 594886

■ 280586

■ 625586

■ 240086

■ 6C6386

■ 767086

■ 807D86

■ 8A8B86

■ 939886

■ 9DA686

Harmonies

Analogous

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



004297



452D86



770263

Triad

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



452D86



682E00



005047

Complementary

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



452D86



6E862D

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.



004E17



452D86



464000

Square

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



452D86



800B0C



124900



005071

Rectangle

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



452D86



850046



124900



004F37

Sweetspot

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



452D86



948BAD



2D6E86



484257



D6D6D6



575757

Same Dimension

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



452D86



4823AD



712D86



3D3C42



230082



010003

Inverse Universe

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



862D6E



AD2388



42862D



423C41



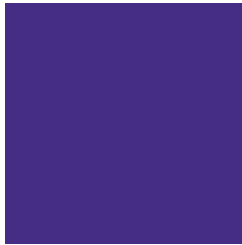
82005F



030002

Previews

White Background



This preview shows how the Hex color 452D86 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 452D86 Background



This preview shows how black text looks on a background with the Hex color 452D86.

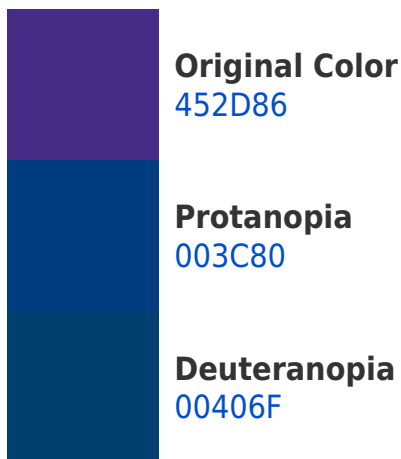


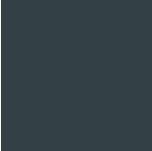
This preview shows how white text looks on a background with the Hex color 452D86.

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
334146

Trichromacy



Original Color
452D86

Protanomaly
193782

Deuteranomaly
193977

Tritanomaly
3A3A5D

Monochromacy



Original Color
452D86

Achromatopsia
3E3E3E

Achromatomaly
413858

CSS Examples

Text

The CSS property to change the color of the text to Hex 452D86 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 #452D86 looks like.

```
.text, #text, p{  
    color:#452D86  
}
```

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 #452D86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #452D86  
}
```

Border

The CSS property to change the border of an element to Hex 452D86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

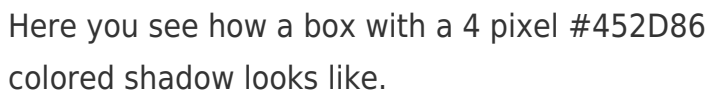
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#452D86 }
```

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

```
.border{ border-color:#452D86 }
```

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



Here you see how a box with a 4 pixel #452D86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #452D86; -webkit-box-shadow:4px 4px  
4px 4px #452D86; box-shadow:4px 4px 4px  
4px #452D86 }
```

Background

The CSS property to change the background color of an element to Hex 452D86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#452D86 }
```

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

```
.background{ background-color:#452D86 }
```

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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