

Converting Colors

Hex(452A5B)

Have a look what the booklet for
Hex(452A5B) contains.

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Color

Hex(452A5B)

Conversions

Conversions Part 1

Format	Color
Hex	452A5B
RGB	69, 42, 91
RGB Percent	27%, 16%, 36%
CMY	0.7294, 0.8353, 0.6431
CMYK	0.24, 0.54, 0.00, 0.64
HSL	273°, 37%, 26%
HSV	273°, 54%, 36%
XYZ	5.1705, 3.6765, 10.3346
YIQ	55.6590, 0.3630, 20.9630

Conversions

Conversions Part 2

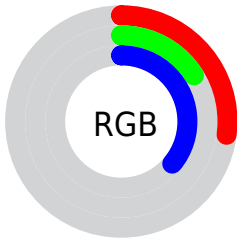
Format	Color
RYB	69, 42, 91
Decimal	4532827
CIELab	22.57, 23.20, -24.73
CIElCh	23, 33.905, 313.169
Yxy	3.6765, 0.2696, 0.1917
Android (android.graphics.Color)	4282722907 (0xFF452A5B)
YUV	55.6590, 17.4231, 11.7001
Hunter-Lab	19.1741, 14.5800, -18.5348

Details

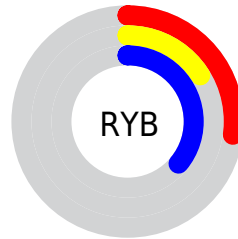
The Hex color **452A5B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **405B2A**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **77588E**, and **1A002D** is the 20% darker color. If you saturate the color by 10%, you get **41215B**, and if you desaturate by 10%, it is **49335B**.

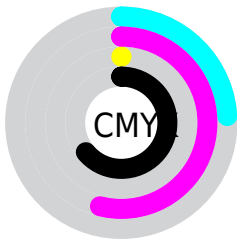
Distribution



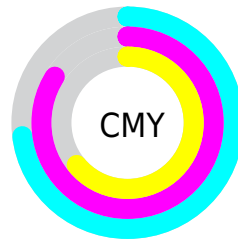
- Red (27%)
- Green (16%)
- Blue (36%)



- Red (27%)
- Yellow (16%)
- Blue (36%)



- Cyan (24%)
- Magenta (54%)
- Yellow (0%)
- Black (64%)



- Cyan (73%)
- Magenta (84%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 452A5B 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 452A5B by changing the saturation by 10% instead.



452A5B



452A5B

FFFFFF



2E1443



77588E



1A002D



9171A8



000117



AC8BC3



000000



C7A5DF



E4C0FC



FFDCFF



FFF9FF



452A5B



452A5B

■ 41215B

■ 49335B

■ 3D185B

■ 4D3C5B

■ 390F5B

■ 51455B

■ 35065B

■ 554E5B

■ 32005B

■ 59585B

■ 5E615B

■ 626A5B

■ 66735B

■ 6A7C5B

Harmonies

Analogous

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



133567



452A5B



5C1F45

Triad

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



452A5B



4E2F00



004241

Complementary

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



452A5B



405B2A

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.



004126



452A5B



383800

Square

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



452A5B



5D2514



1B3E0E



004158

Rectangle

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



452A5B



621C34



1B3E0E



004238

Sweetspot

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



452A5B



6D6375



2A405B



36303B



BABABA



3B3B3B

Same Dimension

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



452A5B



532975



5B2A59



2C292E



3C006E



8300ED

Inverse Universe

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



5B2A40



75294B



2A5B2C



2E292B



6E0031



ED006A

Previews

White Background



This preview shows how the Hex color 452A5B looks on a white background.

Color Contrast Check

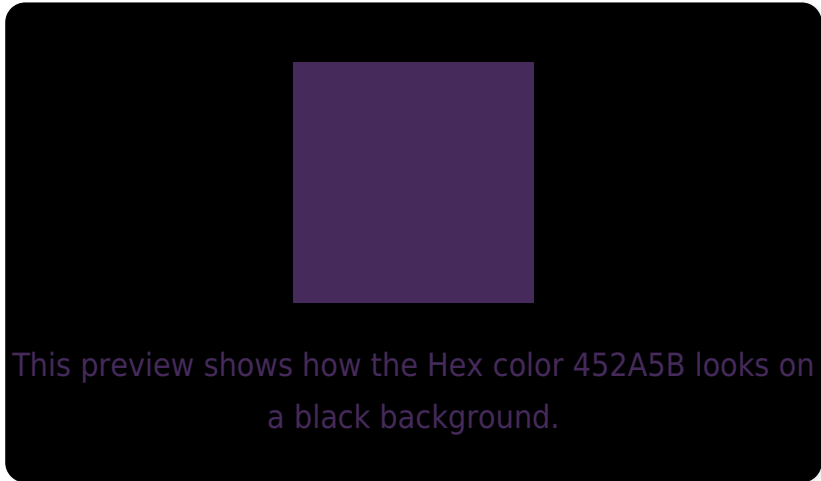
Large Text (above 18pt) WCAG AA ✓ Pass

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

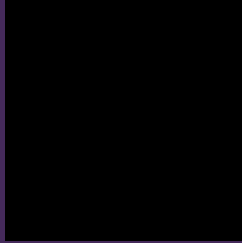
Any Text WCAG AA × Fail

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 452A5B Background



This preview shows how black text looks on a background with the Hex color 452A5B.

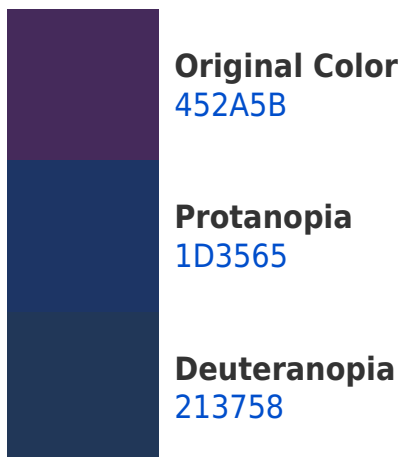


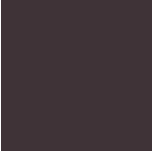
This preview shows how white text looks on a background with the Hex color 452A5B.

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
3F3337

Trichromacy



Original Color
452A5B

Protanomaly
2C3161

Deuteranomaly
2E3259

Tritanomaly
413044

Monochromacy



Original Color
452A5B

Achromatopsia
383838

Achromatomaly
3D3345

CSS Examples

Text

The CSS property to change the color of the text to Hex 452A5B 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 #452A5B looks like.

```
.text, #text, p{  
    color:#452A5B  
}
```

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 #452A5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #452A5B
}
```

Border

The CSS property to change the border of an element to Hex 452A5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

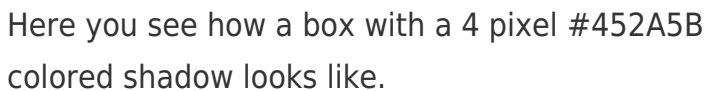
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#452A5B }
```

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

```
.border{ border-color:#452A5B }
```

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



Here you see how a box with a 4 pixel #452A5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #452A5B; -webkit-box-shadow:4px 4px  
4px 4px #452A5B; box-shadow:4px 4px 4px  
4px #452A5B }
```

Background

The CSS property to change the background color of an element to Hex 452A5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#452A5B }
```

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

```
.background{ background-color:#452A5B }
```

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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