

Converting Colors

Hex(452E92)

Have a look what the booklet for
Hex(452E92) contains.

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Color

Hex(452E92)

Conversions

Conversions Part 1

Format	Color
Hex	452E92
RGB	69, 46, 146
RGB Percent	27%, 18%, 57%
CMY	0.7294, 0.8196, 0.4275
CMYK	0.53, 0.68, 0.00, 0.43
HSL	254°, 52%, 38%
HSV	254°, 68%, 57%
XYZ	8.6195, 5.2945, 27.7618
YIQ	64.2770, -18.3920, 35.9760

Conversions

Conversions Part 2

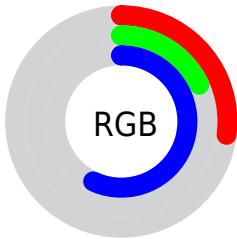
Format	Color
R_{YB}	69, 46, 146
Decimal	4533906
CIE _{Lab}	27.56, 36.89, -51.72
CIE _{LCh}	28, 63.529, 305.498
Yxy	5.2945, 0.2068, 0.1270
Android (android.graphics.Color)	4282723986 (0xFF452E92)
YUV	64.2770, 40.2894, 4.1421
Hunter-Lab	23.0098, 26.5994, -55.4276

Details

The Hex color **452E92** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7B922E**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **7C5EC9**, and **00025E** is the 20% darker color. If you saturate the color by 10%, you get **3A1F92**, and if you desaturate by 10%, it is **503D92**.

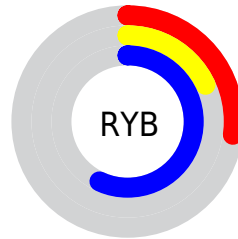
Distribution



Red (27%)

Green (18%)

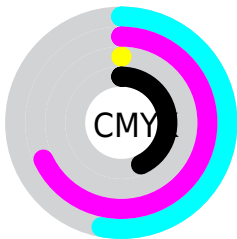
Blue (57%)



Red (27%)

Yellow (18%)

Blue (57%)

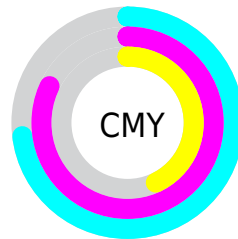


Cyan (53%)

Magenta (68%)

Yellow (0%)

Black (43%)



Cyan (73%)

Magenta (82%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 452E92 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 452E92 by changing the saturation by 10% instead.

■ 452E92

■ 452E92

FFFFFF

■ 281778

■ 7C5EC9

■ 00025E

■ 9877E5

■ 000046

■ B491FF

■ 00042E

■ D1ACFF

■ 000119

■ EEC7FF

■ 000000

■ FFE3FF

■ 452E92

■ 452E92

■ 3A1F92

■ 503D92

■ 2F1192

■ 5B4B92

■ 230292

■ 675A92

■ 220092

■ 726892

■ 7D7792

■ 888692

■ 949492

■ 9FA392

■ AAB192

Harmonies

Analogous

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



0046A4



452E92



7F006B

Triad

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



452E92



6F2E00



005449

Complementary

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



452E92



7B922E

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.



005214



452E92



494200

Square

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



452E92



8A0009



0B4D00



005479

Rectangle

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



452E92



8F004B



0B4D00



005338

Sweetspot

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



452E92



9E95BD



2E7C92



4C475E



DEDEDE



5E5E5E

Same Dimension

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



452E92



4622BD



762E92



44434A



20008A



02000A

Inverse Universe

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



922E7B



BD2299



4A922E



4A4348



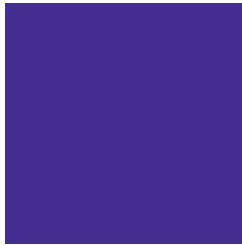
8A006A



0A0008

Previews

White Background



This preview shows how the Hex color 452E92 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

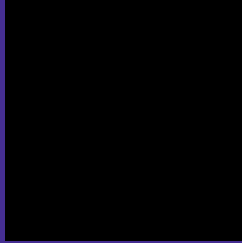
Any Text WCAG AA × Fail

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 452E92 Background



This preview shows how black text looks on a background with the Hex color 452E92.



This preview shows how white text looks on a background with the Hex color 452E92.

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



Original Color
452E92

Protanopia
003F85

Deuteranopia
004373



Tritanopia
2E454B

Trichromacy



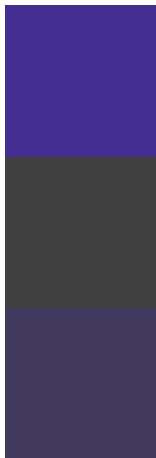
Original Color
452E92

Protanomaly
19398A

Deuteranomaly
193B7E

Tritanomaly
363D65

Monochromacy



Original Color
452E92

Achromatopsia
404040

Achromatomaly
42395E

CSS Examples

Text

The CSS property to change the color of the text to Hex 452E92 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 #452E92 looks like.

```
.text, #text, p{  
    color:#452E92  
}
```

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 #452E92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #452E92
}
```

Border

The CSS property to change the border of an element to Hex 452E92 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
#452E92 }
```

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

```
.border{ border-color:#452E92 }
```

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

Here you see how a box with a 4 pixel #452E92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #452E92; -webkit-box-shadow:4px 4px  
4px 4px #452E92; box-shadow:4px 4px 4px  
4px #452E92 }
```

Background

The CSS property to change the background color of an element to Hex 452E92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#452E92 }
```

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

```
.background{ background-color:#452E92 }
```

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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