

Converting Colors

Hex(452667)

Have a look what the booklet for
Hex(452667) contains.

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Color

Hex(452667)

Conversions

Conversions Part 1

Format	Color
Hex	452667
RGB	69, 38, 103
RGB Percent	27%, 15%, 40%
CMY	0.7294, 0.8510, 0.5961
CMYK	0.33, 0.63, 0.00, 0.60
HSL	269°, 46%, 28%
HSV	269°, 63%, 40%
XYZ	5.5955, 3.6307, 13.2378
YIQ	54.6790, -2.3890, 26.7870

Conversions

Conversions Part 2

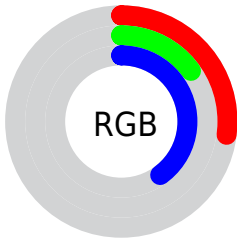
Format	Color
R_{YB}	69, 38, 103
Decimal	4531815
CIE _{Lab}	22.41, 28.94, -32.85
CIE _{LCh}	22, 43.785, 311.380
Yxy	3.6307, 0.2491, 0.1616
Android (android.graphics.Color)	4282721895 (0xFF452667)
YUV	54.6790, 23.8223, 12.5595
Hunter-Lab	19.0544, 19.0733, -27.8530

Details

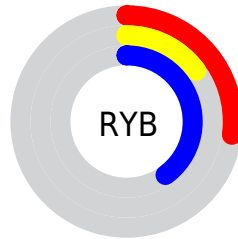
The Hex color **452667** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **486726**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **78559B**, and **180037** is the 20% darker color. If you saturate the color by 10%, you get **401C67**, and if you desaturate by 10%, it is **4A3067**.

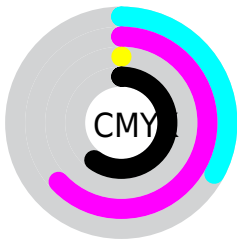
Distribution



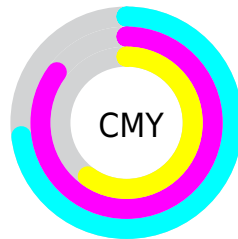
- Red (27%)
- Green (15%)
- Blue (40%)



- Red (27%)
- Yellow (15%)
- Blue (40%)



- Cyan (33%)
- Magenta (63%)
- Yellow (0%)
- Black (60%)



- Cyan (73%)
- Magenta (85%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 452667 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 452667 by changing the saturation by 10% instead.

452667

452667

FFFFFF

2D104F

78559B

180037

926DB6

000221

AD87D1

000006

C9A1EE

000000

E6BDFF

FFD9FF

FFF5FF

452667

452667

■ 401C67

■ 4A3067

■ 3A1167

■ 503B67

■ 350767

■ 554567

■ 310067

■ 5B4F67

■ 605A67

■ 656467

■ 6B6E67

■ 707867

■ 758367

Harmonies

Analogous

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



003676



452667



64114B

Triad

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



452667



532C00



004342

Complementary

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



452667



486726

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.



00421F



452667



383800

Square

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



452667



661B0A



103F00



004360

Rectangle

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



452667



6D0736



103F00



004336

Sweetspot

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



452667



7A6D87



264967



3D3545



C4C4C4



454545

Same Dimension

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



452667



512087



652667



302E33



370073



7400F2

Inverse Universe

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



672648



872056



286726



332E31



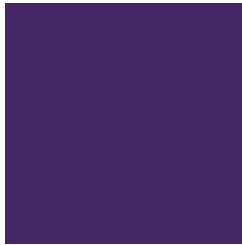
73003C



F2007F

Previews

White Background



This preview shows how the Hex color 452667 looks on a white background.

Color Contrast Check

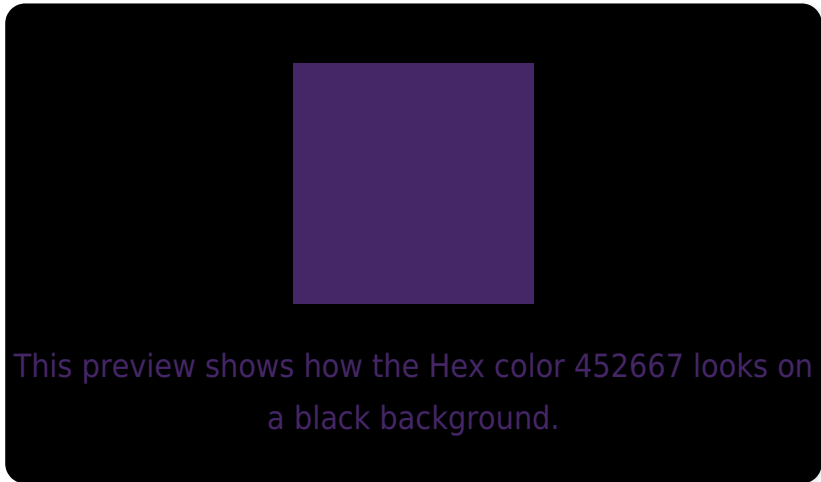
Large Text (above 18pt) WCAG AA ✓ Pass

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 452667 Background



This preview shows how black text looks on a background with the Hex color 452667.

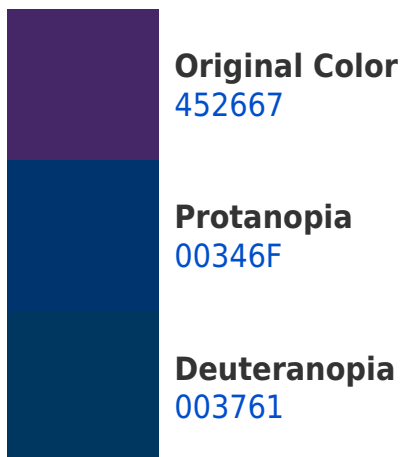



This preview shows how white text looks on a background with the Hex color 452667.

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
3C3438

Trichromacy



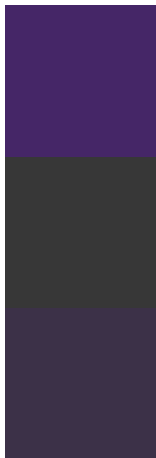
Original Color
452667

Protanomaly
192F6C

Deuteranomaly
193163

Tritanomaly
3F2F49

Monochromacy



Original Color
452667

Achromatopsia
373737

Achromatomaly
3C3148

CSS Examples

Text

The CSS property to change the color of the text to Hex 452667 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 #452667 looks like.

```
.text, #text, p{  
    color:#452667  
}
```

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 #452667 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #452667
}
```

Border

The CSS property to change the border of an element to Hex 452667 is called "border". The border property can be set on classes, ids or directly on the HTML element.

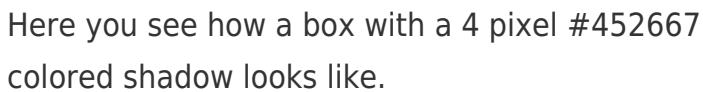
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#452667 }
```

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

```
.border{ border-color:#452667 }
```

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



Here you see how a box with a 4 pixel #452667 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #452667; -webkit-box-shadow:4px 4px  
4px 4px #452667; box-shadow:4px 4px 4px  
4px #452667 }
```

Background

The CSS property to change the background color of an element to Hex 452667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#452667 }
```

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

```
.background{ background-color:#452667 }
```

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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