

Converting Colors

Hex(462767)

Have a look what the booklet for
Hex(462767) contains.

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Color

Hex(462767)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 462767 |
| RGB | 70, 39, 103 |
| RGB Percent | 27%, 15%, 40% |
| CMY | 0.7255, 0.8471, 0.5961 |
| CMYK | 0.32, 0.62, 0.00, 0.60 |
| HSL | 269°, 45%, 28% |
| HSV | 269°, 62%, 40% |
| XYZ | 5.6995, 3.7324, 13.2520 |
| YIQ | 55.5650, -2.0680, 26.4760 |

Conversions

Conversions Part 2

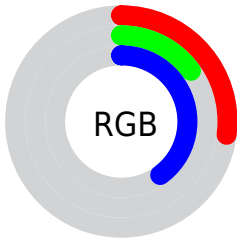
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 70, 39, 103 |
| Decimal | 4597607 |
| CIE Lab | 22.77, 28.61, -32.28 |
| CIE LCh | 23, 43.130, 311.554 |
| Yxy | 3.7324, 0.2513, 0.1645 |
| Android (android.graphics.Color) | 4282787687 (0xFF462767) |
| YUV | 55.5650, 23.3855, 12.6595 |
| Hunter-Lab | 19.3194, 18.8509, -27.1459 |

Details

The Hex color **462767** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **486727**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **79569B**, and **180037** is the 20% darker color. If you saturate the color by 10%, you get **411D67**, and if you desaturate by 10%, it is **4B3167**.

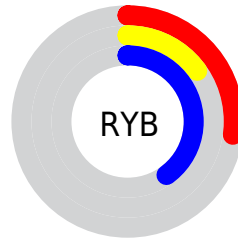
Distribution



Red (27%)

Green (15%)

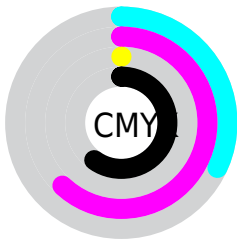
Blue (40%)



Red (27%)

Yellow (15%)

Blue (40%)

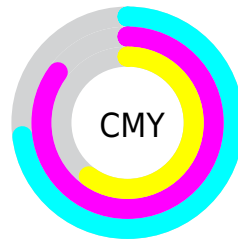


Cyan (32%)

Magenta (62%)

Yellow (0%)

Black (60%)



Cyan (73%)

Magenta (85%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 462767 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 462767 by changing the saturation by 10% instead.

■ 462767

■ 462767

FFFFFF

■ 2E114F

■ 79569B

■ 180037

■ 936EB6

■ 000221

■ AE88D1

■ 000006

■ CAA3EE

■ 000000

■ E7BEFF

■ FFDAFF

■ FFF6FF

■ 462767

■ 462767

■ 411D67

■ 4B3167

■ 3B1267

■ 513C67

■ 360867

■ 564667

■ 320067

■ 5B5067

■ 615B67

■ 666567

■ 6B6F67

■ 707967

■ 768467

Harmonies

Analogous

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



003676



462767



65134B

Triad

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



462767



542D00



004442

Complementary

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



462767



486727

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.



004321



462767



393900

Square

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



462767



661C0C



114000



004361

Rectangle

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



462767



6D0A36



114000



004437

Sweetspot

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



462767



7A6D87



274867



3D3545



C4C4C4



454545

Same Dimension

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



462767



532287



662767



302E33



380073



7500F2

Inverse Universe

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



672748



872256



286727



332E31



73003B



F2007D

Previews

White Background



This preview shows how the Hex color 462767 looks on a white background.

Color Contrast Check

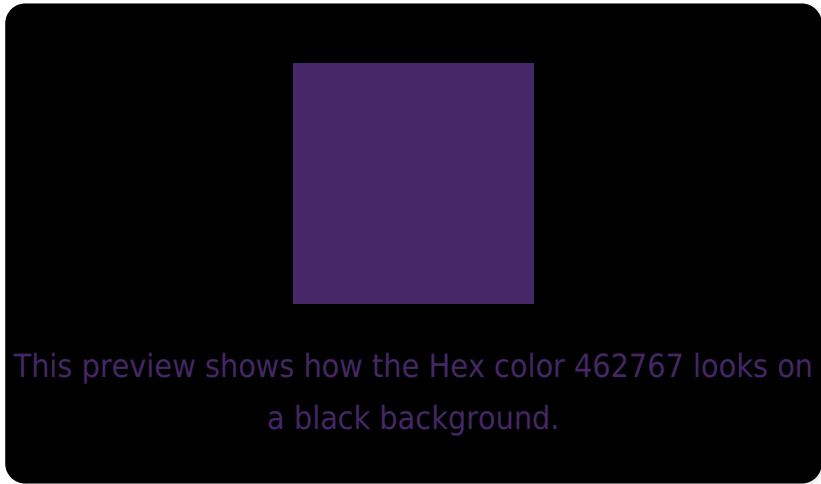
Large Text (above 18pt) WCAG AA ✓ Pass

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

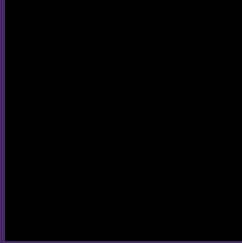
Any Text WCAG AA × Fail

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 462767 Background



This preview shows how black text looks on a background with the Hex color 462767.

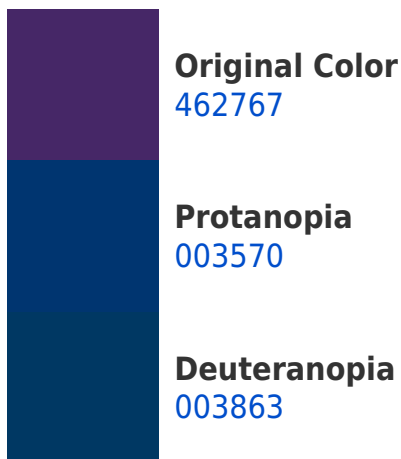



This preview shows how white text looks on a background with the Hex color 462767.

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
3D3439

Trichromacy



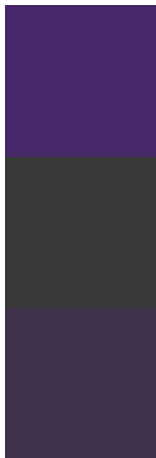
Original Color
462767

Protanomaly
19306D

Deuteranomaly
193264

Tritanomaly
402F4A

Monochromacy



Original Color
462767

Achromatopsia
383838

Achromatomaly
3D3249

CSS Examples

Text

The CSS property to change the color of the text to Hex 462767 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 #462767 looks like.

```
.text, #text, p{  
    color:#462767  
}
```

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 #462767 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #462767
}
```

Border

The CSS property to change the border of an element to Hex 462767 is called "border". The border property can be set on classes, ids or directly on the HTML element.

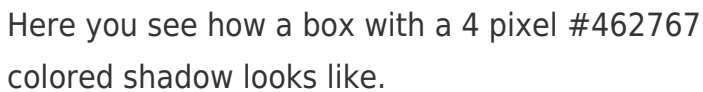
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#462767 }
```

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

```
.border{ border-color:#462767 }
```

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



Here you see how a box with a 4 pixel #462767 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #462767; -webkit-box-shadow:4px 4px  
4px 4px #462767; box-shadow:4px 4px 4px  
4px #462767 }
```

Background

The CSS property to change the background color of an element to Hex 462767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#462767 }
```

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

```
.background{ background-color:#462767 }
```

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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