

# Converting Colors

Hex(462441)

Have a look what the booklet for  
Hex(462441) contains.

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**Color**

**Hex(462441)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	462441
RGB	70, 36, 65
RGB Percent	27%, 14%, 25%
CMY	0.7255, 0.8588, 0.7451
CMYK	0.00, 0.49, 0.07, 0.73
HSL	309°, 32%, 21%
HSV	309°, 49%, 27%
XYZ	4.1108, 2.9455, 5.3529
YIQ	49.4720, 10.9550, 16.2270

# Conversions

## Conversions Part 2

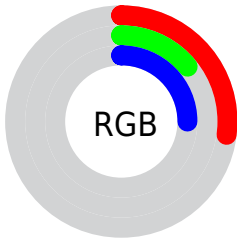
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 36, 65
Decimal	4596801
CIE <sub>Lab</sub>	19.82, 21.09, -11.50
CIE <sub>LCh</sub>	20, 24.025, 331.400
Yxy	2.9455, 0.3313, 0.2374
Android (android.graphics.Color)	4282786881 (0xFF462441)
YUV	49.4720, 7.6553, 18.0031
Hunter-Lab	17.1625, 12.7205, -6.4786

# Details

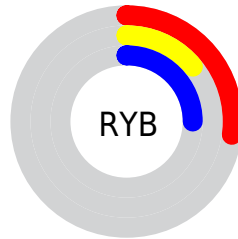
The Hex color **462441** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **244629**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **775271**, and **1D0017** is the 20% darker color. If you saturate the color by 10%, you get **461D40**, and if you desaturate by 10%, it is **462B42**.

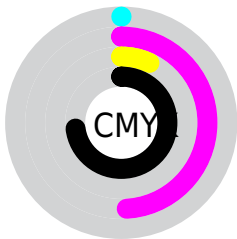
# Distribution



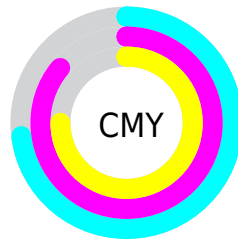
- Red (27%)
- Green (14%)
- Blue (25%)



- Red (27%)
- Yellow (14%)
- Blue (25%)



- Cyan (0%)
- Magenta (49%)
- Yellow (7%)
- Black (73%)



- Cyan (73%)
- Magenta (86%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 462441 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 462441 by changing the saturation by 10% instead.





462441



462441

FFFFFF



2F0F2B



775271



1D0017



916A8A



000000



AC84A5



C89EC0



E4B9DC



FFD5F8



FFF1FF



462441



462441

■ 461D40

■ 462B42

■ 46163F

■ 463243

■ 460F3E

■ 463944

■ 46083D

■ 464045

■ 46013C

■ 464746

■ 46003C

■ 464E47

■ 465548

■ 465C49

■ 46634A

# Harmonies

## Analogous

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



322B4E



462441



4F2030

# Triad

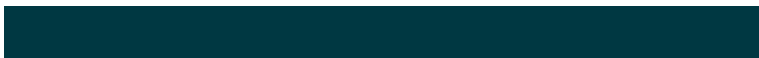
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



462441



392F0A



003842

# Complementary

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



462441



244629

# 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.



003930



462441



273410

# Square

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



462441



472911



0E371E



00364E

# Rectangle

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



462441



502124



0E371E



00393C



# Sweetspot

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



462441



5C4E5A



292446



2E262D



ADADAD



2E2E2E



# Same Dimension

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



462441



5C2754



462430



242023



630055



E300C2



# Inverse Universe

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



462441



5C2754



24463A



242023



630055



E300C2



# Previews

## White Background



This preview shows how the Hex color 462441 looks on a white background.

## Color Contrast Check

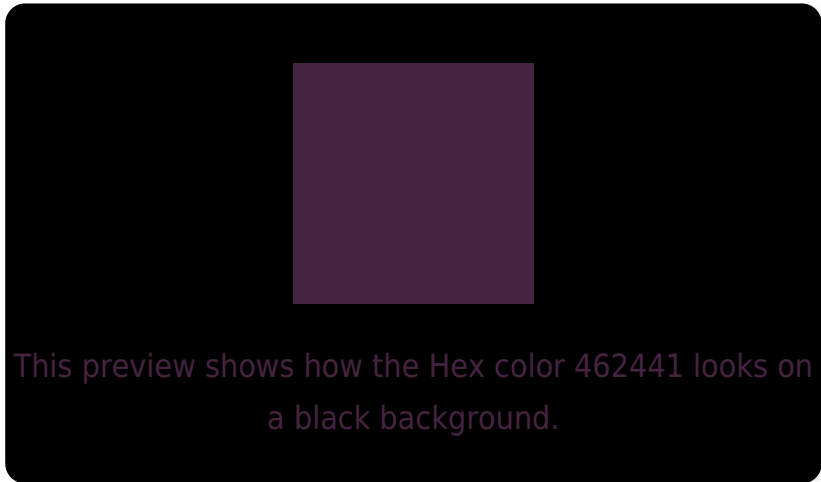
Large Text (above 18pt) WCAG AA ✓ Pass

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

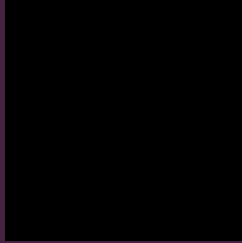
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 462441 Background



This preview shows how black text looks on a background with the Hex color 462441.



This preview shows how white text looks on a background with the Hex color 462441.

# 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**  
462441

**Protanopia**  
27304A

**Deuteranopia**  
2D303F



**Tritanopia**  
44292C

# Trichromacy



**Original Color**

462441

**Protanomaly**

322C47

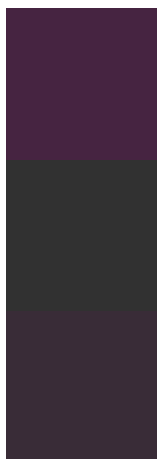
**Deuteranomaly**

362C40

**Tritanomaly**

452734

# Monochromacy



**Original Color**

462441

**Achromatopsia**

313131

**Achromatomaly**

392C37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 462441 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 #462441 looks like.

```
.text, #text, p{  
    color:#462441  
}
```

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 #462441 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #462441
}
```

## Border

The CSS property to change the border of an element to Hex 462441 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
#462441 }
```

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

```
.border{ border-color:#462441 }
```

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

Here you see how a box with a 4 pixel #462441 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #462441; -webkit-box-shadow:4px 4px  
4px 4px #462441; box-shadow:4px 4px 4px  
4px #462441 }
```

# Background

The CSS property to change the background color of an element to Hex 462441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#462441 }
```

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

```
.background{ background-color:#462441 }
```

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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