

# Converting Colors

Hex(4B2B63)

Have a look what the booklet for  
Hex(4B2B63) contains.

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# Color

**Hex(4B2B63)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B2B63
RGB	75, 43, 99
RGB Percent	29%, 17%, 39%
CMY	0.7059, 0.8314, 0.6118
CMYK	0.24, 0.57, 0.00, 0.61
HSL	274°, 39%, 28%
HSV	274°, 57%, 39%
XYZ	6.0177, 4.1245, 12.2833
YIQ	58.9520, 1.0960, 24.2000

# Conversions

## Conversions Part 2

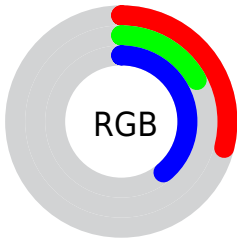
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 43, 99
Decimal	4926307
CIE <sub>Lab</sub>	24.08, 26.53, -27.54
CIE <sub>LCh</sub>	24, 38.236, 313.931
Yxy	4.1245, 0.2683, 0.1839
Android (android.graphics.Color)	4283116387 (0xFF4B2B63)
YUV	58.9520, 19.7437, 14.0741
Hunter-Lab	20.3088, 17.3507, -21.6441

# Details

The Hex color **4B2B63** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **43632B**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **7D5A96**, and **1D0034** is the 20% darker color. If you saturate the color by 10%, you get **472163**, and if you desaturate by 10%, it is **4F3563**.

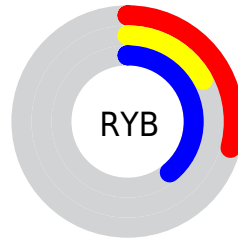
# Distribution



Red (29%)

Green (17%)

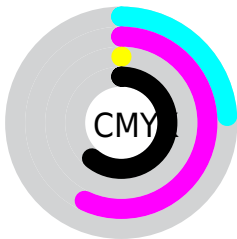
Blue (39%)



Red (29%)

Yellow (17%)

Blue (39%)

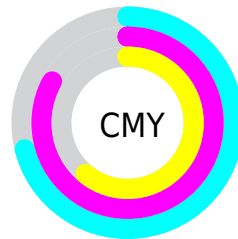


Cyan (24%)

Magenta (57%)

Yellow (0%)

Black (61%)



Cyan (71%)

Magenta (83%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B2B63 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 4B2B63 by changing the saturation by 10% instead.





4B2B63



4B2B63

FFFFFF



33154B



7D5A96



1D0034



9873B1



00011E



B38DCD



000000



CFA7E9



ECC2FF



FFDFFF



FFFBFF



4B2B63



4B2B63

■ 472163

■ 4F3563

■ 431763

■ 533F63

■ 3E0D63

■ 584963

■ 3A0363

■ 5C5363

■ 390063

■ 605D63

■ 646663

■ 697063

■ 6D7A63

■ 718463

# Harmonies

## Analogous

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



0C3871



4B2B63



651D4A

# Triad

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



4B2B63



533200



004646

# Complementary

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



4B2B63



43632B

# 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.



004528



4B2B63



3A3C00

# Square

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



4B2B63



652512



17420B



004561

# Rectangle

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



4B2B63



6B1937



17420B



00463C



# Sweetspot

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



4B2B63



766A80



2B4363



3A3340



BFBFBF



404040



# Same Dimension

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



4B2B63



5A2980



632B5F



2E2C30



400070



8900F0



# Inverse Universe

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



632B43



80294E



2B632F



302C2E



700030

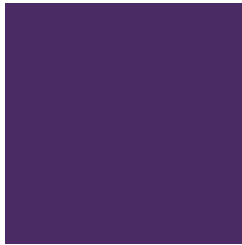


F00067



# Previews

## White Background



This preview shows how the Hex color 4B2B63 looks on a white background.

## Color Contrast Check

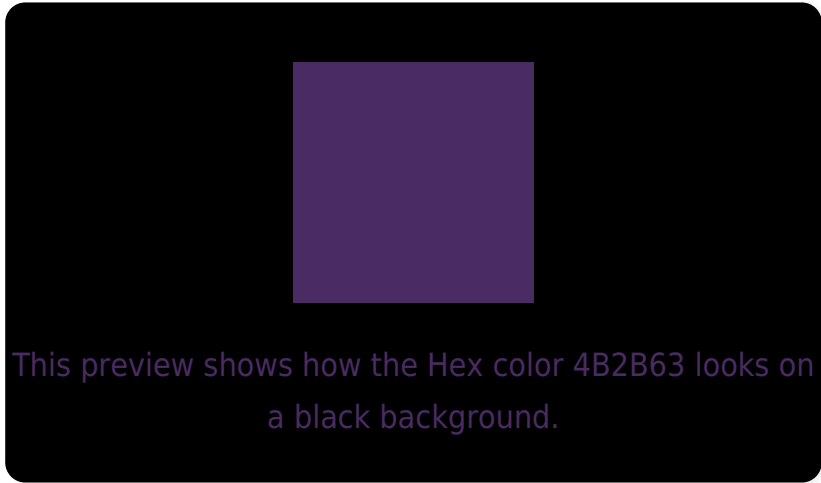
Large Text (above 18pt) WCAG AA ✓ Pass

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

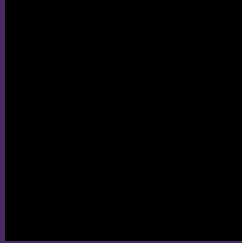
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B2B63 Background



This preview shows how black text looks on a background with the Hex color 4B2B63.

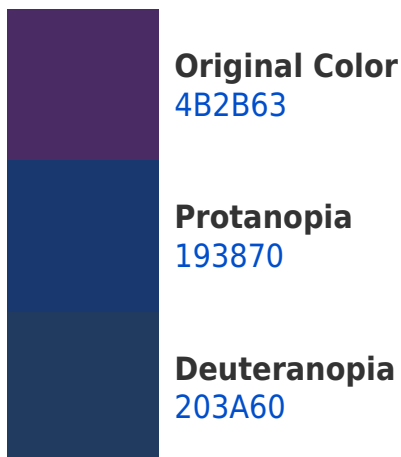


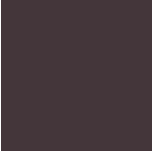
This preview shows how white text looks on a background with the Hex color 4B2B63.

# 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**  
44363A

# Trichromacy



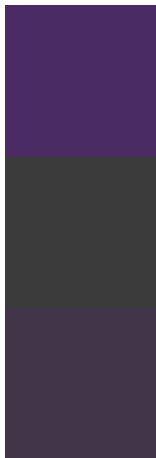
**Original Color**  
4B2B63

**Protanomaly**  
2B336B

**Deuteranomaly**  
303561

**Tritanomaly**  
473249

# Monochromacy



**Original Color**  
4B2B63

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
41354A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B2B63 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 #4B2B63 looks like.

```
.text, #text, p{  
    color:#4B2B63  
}
```

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 #4B2B63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B2B63  
}
```

## Border

The CSS property to change the border of an element to Hex 4B2B63 is called "border". The border property can be set on classes, ids or directly on the HTML element.

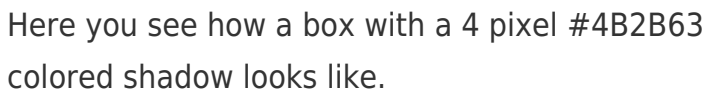
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4B2B63 }
```

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

```
.border{ border-color:#4B2B63 }
```

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



Here you see how a box with a 4 pixel #4B2B63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B2B63; -webkit-box-shadow:4px 4px  
4px 4px #4B2B63; box-shadow:4px 4px 4px  
4px #4B2B63 }
```

# Background

The CSS property to change the background color of an element to Hex 4B2B63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B2B63 }
```

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

```
.background{ background-color:#4B2B63 }
```

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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