

Converting Colors

Hex(4B3671)

Have a look what the booklet for
Hex(4B3671) contains.

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Color

Hex(4B3671)

Conversions

Conversions Part 1

Format	Color
Hex	4B3671
RGB	75, 54, 113
RGB Percent	29%, 21%, 44%
CMY	0.7059, 0.7882, 0.5569
CMYK	0.34, 0.52, 0.00, 0.56
HSL	261°, 35%, 33%
HSV	261°, 52%, 44%
XYZ	7.2015, 5.3264, 16.2713
YIQ	67.0050, -6.4230, 22.8010

Conversions

Conversions Part 2

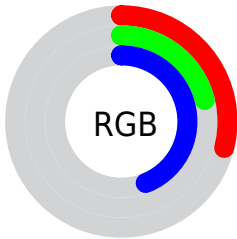
Format	Color
R_YB	75, 54, 113
Decimal	4929137
CIE _{Lab}	27.65, 23.45, -30.88
CIE _{LCh}	28, 38.776, 307.209
Yxy	5.3264, 0.2501, 0.1850
Android (android.graphics.Color)	4283119217 (0xFF4B3671)
YUV	67.0050, 22.6755, 7.0116
Hunter-Lab	23.0791, 15.3096, -25.6456

Details

The Hex color **4B3671** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5C7136**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7E65A5**, and **1A0B40** is the 20% darker color. If you saturate the color by 10%, you get **442B71**, and if you desaturate by 10%, it is **524171**.

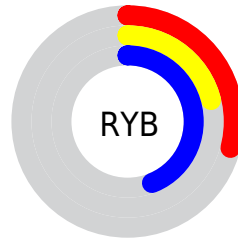
Distribution



Red (29%)

Green (21%)

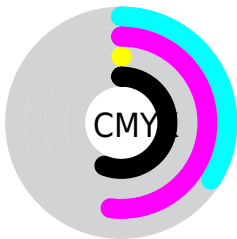
Blue (44%)



Red (29%)

Yellow (21%)

Blue (44%)

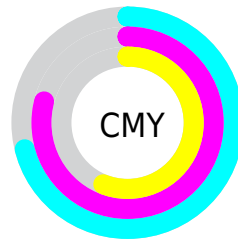


Cyan (34%)

Magenta (52%)

Yellow (0%)

Black (56%)



Cyan (71%)

Magenta (79%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B3671 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 4B3671 by changing the saturation by 10% instead.

■ 4B3671

■ 4B3671

FFFFFF

■ 332058

■ 7E65A5

■ 1A0B40

■ 987EC1

■ 00002A

■ B499DD

■ 000114

■ D0B3F9

■ 000000

■ ECCFFF

■ FFEFFF

■ 4B3671

■ 4B3671

■ 442B71

■ 524171

■ 3C1F71

■ 5A4D71

■ 351471

■ 615871

■ 2E0971

■ 686371

■ 280071

■ 6F6E71

■ 777A71

■ 7E8571

■ 859071

■ 8D9C71

Harmonies

Analogous

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



00427D



4B3671



6A2859

Triad

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



4B3671



613705



004F48

Complementary

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



4B3671



5C7136

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.



004D29



4B3671



494200

Square

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



4B3671



722A1F



29490C



004E65

Rectangle

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



4B3671



742345



29490C



004F3D

Sweetspot

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



4B3671



857C94



365C71



413C4A



C9C9C9



4A4A4A

Same Dimension

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



4B3671



583794



683671



343238



2B0078



5800F7

Inverse Universe

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



71365C



943773



3F7136



383236



78004D



F7009F

Previews

White Background



This preview shows how the Hex color 4B3671 looks on a white background.

Color Contrast Check

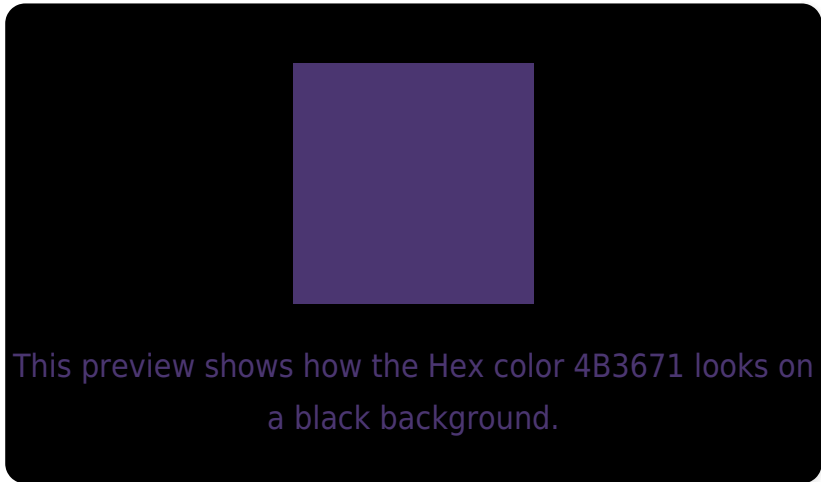
Large Text (above 18pt) WCAG AA ✓ Pass

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 4B3671 Background



This preview shows how black text looks on a background with the Hex color 4B3671.



This preview shows how white text looks on a background with the Hex color 4B3671.

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
4B3671

Protanopia
22407B

Deuteranopia
22426E

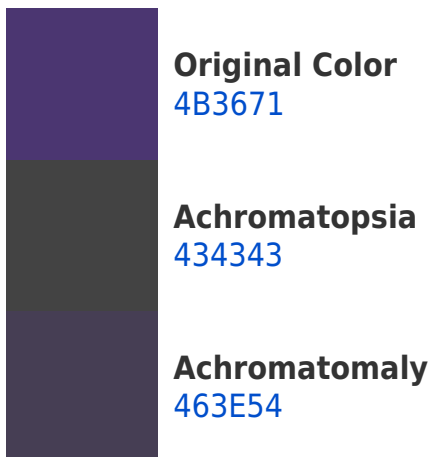


Tritanopia
424146

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B3671 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 #4B3671 looks like.

```
.text, #text, p{  
    color:#4B3671  
}
```

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 #4B3671 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B3671
}
```

Border

The CSS property to change the border of an element to Hex 4B3671 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
#4B3671 }
```

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

```
.border{ border-color:#4B3671 }
```

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

Here you see how a box with a 4 pixel #4B3671 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B3671; -webkit-box-shadow:4px 4px  
4px 4px #4B3671; box-shadow:4px 4px 4px  
4px #4B3671 }
```

Background

The CSS property to change the background color of an element to Hex 4B3671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B3671 }
```

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

```
.background{ background-color:#4B3671 }
```

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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