

Converting Colors

Hex(4B3661)

Have a look what the booklet for
Hex(4B3661) contains.

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Color

Hex(4B3661)

Conversions

Conversions Part 1

Format	Color
Hex	4B3661
RGB	75, 54, 97
RGB Percent	29%, 21%, 38%
CMY	0.7059, 0.7882, 0.6196
CMYK	0.23, 0.44, 0.00, 0.62
HSL	269°, 28%, 30%
HSV	269°, 44%, 38%
XYZ	6.3785, 4.9973, 11.9376
YIQ	65.1810, -1.2870, 17.8250

Conversions

Conversions Part 2

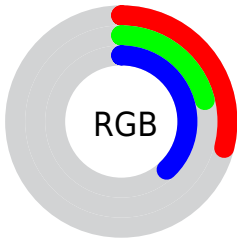
Format	Color
R_YB	75, 54, 97
Decimal	4929121
CIE _{Lab}	26.73, 19.02, -22.06
CIE _{LCh}	27, 29.124, 310.772
Yxy	4.9973, 0.2736, 0.2144
Android (android.graphics.Color)	4283119201 (0xFF4B3661)
YUV	65.1810, 15.6868, 8.6113
Hunter-Lab	22.3545, 11.8115, -16.0135

Details

The Hex color **4B3661** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4C6136**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7D6594**, and **1D0B32** is the 20% darker color. If you saturate the color by 10%, you get **462C61**, and if you desaturate by 10%, it is **504061**.

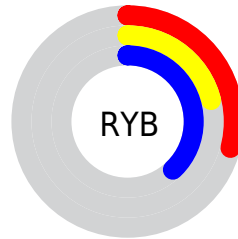
Distribution



Red (29%)

Green (21%)

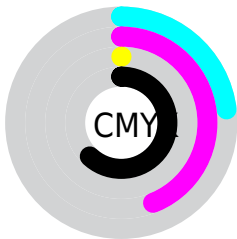
Blue (38%)



Red (29%)

Yellow (21%)

Blue (38%)

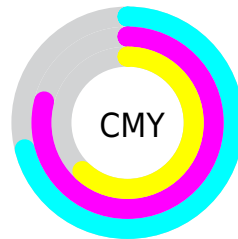


Cyan (23%)

Magenta (44%)

Yellow (0%)

Black (62%)



Cyan (71%)

Magenta (79%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B3661 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 4B3661 by changing the saturation by 10% instead.



4B3661



4B3661

FFFFFF



342049



7D6594



1D0B32



977EAF



00001D



B298CA



000000



CEB3E6



EACFFF



FFE8FF



4B3661



4B3661



462C61



504061

■ 412361

■ 554961

■ 3C1961

■ 5A5361

■ 370F61

■ 5F5D61

■ 320661

■ 646761

■ 2F0061

■ 697061

■ 6E7A61

■ 738461

■ 788D61

Harmonies

Analogous

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



253F6B



4B3661



602E4E

Triad

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



4B3661



573914



004A47

Complementary

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



4B3661



4C6136

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.



004930



4B3661



444110

Square

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



4B3661



643023



2C461C



00495C

Rectangle

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



4B3661



672B40



2C461C



004A3F

Sweetspot

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



4B3661



756D7D



364C61



3B3640



BFBFBF



404040

Same Dimension

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



4B3661



5B3B7D



603661



2E2C30



370070



7500F0

Inverse Universe

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



61364C



7D3B5D



376136



302C2E



700039



F0007B

Previews

White Background



This preview shows how the Hex color 4B3661 looks on a white background.

Color Contrast Check

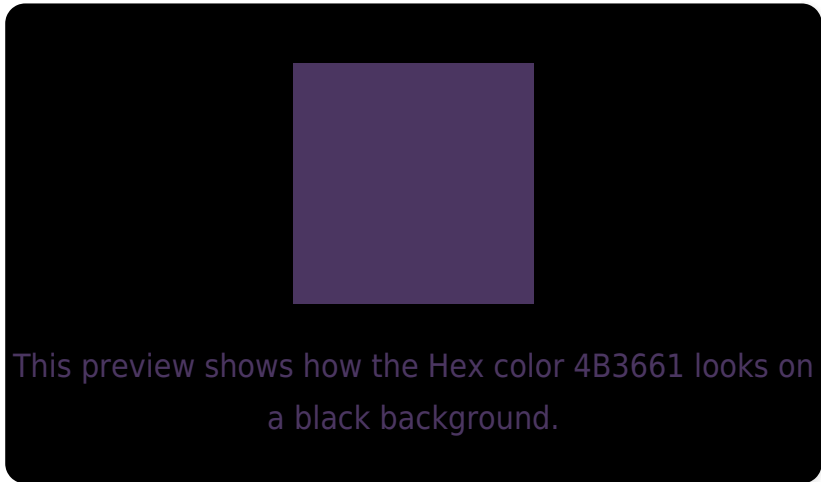
Large Text (above 18pt) WCAG AA ✓ Pass

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

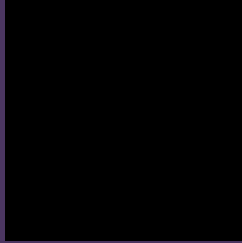
Any Text WCAG AA × Fail

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 4B3661 Background



This preview shows how black text looks on a background with the Hex color 4B3661.



This preview shows how white text looks on a background with the Hex color 4B3661.

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
4B3661

Protanopia
2F3E68

Deuteranopia
313F5F



Tritanopia
463D42

Trichromacy



Original Color
4B3661

Protanomaly
393B65

Deuteranomaly
3A3C60

Tritanomaly
483A4D

Monochromacy



Original Color
4B3661

Achromatopsia
414141

Achromatomaly
453D4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B3661 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 #4B3661 looks like.

```
.text, #text, p{  
    color:#4B3661  
}
```

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 #4B3661 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B3661
}
```

Border

The CSS property to change the border of an element to Hex 4B3661 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
#4B3661 }
```

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

```
.border{ border-color:#4B3661 }
```

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

Here you see how a box with a 4 pixel #4B3661 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B3661; -webkit-box-shadow:4px 4px  
4px 4px #4B3661; box-shadow:4px 4px 4px  
4px #4B3661 }
```

Background

The CSS property to change the background color of an element to Hex 4B3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B3661 }
```

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

```
.background{ background-color:#4B3661 }
```

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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