

Converting Colors

Hex(4B3E74)

Have a look what the booklet for
Hex(4B3E74) contains.

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Color

Hex(4B3E74)

Conversions

Conversions Part 1

Format	Color
Hex	4B3E74
RGB	75, 62, 116
RGB Percent	29%, 24%, 45%
CMY	0.7059, 0.7569, 0.5451
CMYK	0.35, 0.47, 0.00, 0.55
HSL	254°, 30%, 35%
HSV	254°, 47%, 45%
XYZ	7.7767, 6.2021, 17.3102
YIQ	72.0430, -9.5860, 19.5500

Conversions

Conversions Part 2

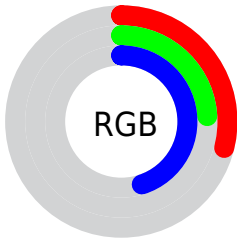
Format	Color
R_{YB}	75, 62, 116
Decimal	4931188
CIE _{Lab}	29.92, 19.15, -29.18
CIE _{LCh}	30, 34.901, 303.274
Yxy	6.2021, 0.2485, 0.1982
Android (android.graphics.Color)	4283121268 (0xFF4B3E74)
YUV	72.0430, 21.6708, 2.5933
Hunter-Lab	24.9039, 12.1577, -23.7786

Details

The Hex color **4B3E74** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **67743E**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **7E6EA8**, and **1B1343** is the 20% darker color. If you saturate the color by 10%, you get **423274**, and if you desaturate by 10%, it is **544A74**.

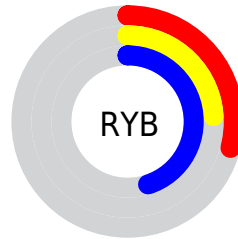
Distribution



Red (29%)

Green (24%)

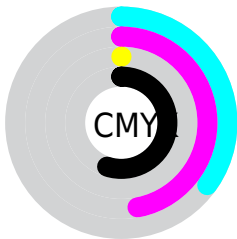
Blue (45%)



Red (29%)

Yellow (24%)

Blue (45%)

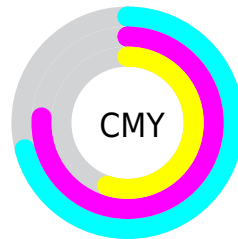


Cyan (35%)

Magenta (47%)

Yellow (0%)

Black (55%)



Cyan (71%)

Magenta (76%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B3E74 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 4B3E74 by changing the saturation by 10% instead.

■ 4B3E74

■ 4B3E74

FFFFFF

■ 33285B

■ 7E6EA8

■ 1B1343

■ 9887C4

■ 08002D

■ B3A1E0

■ 000117

■ CFBCFD

■ 000000

■ ECD8FF

■ FFF5FF

■ 4B3E74

■ 4B3E74

■ 423274

■ 544A74

■ 392774

■ 5D5574

■ 311B74

■ 656174

■ 281074

■ 6E6C74

■ 1F0474

■ 777874

■ 1C0074

■ 808474

■ 898F74

■ 919B74

■ 9AA674

Harmonies

Analogous

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



03497D



4B3E74



6A335F

Triad

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



4B3E74



683C15



005349

Complementary

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



4B3E74



67743E

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.



05522D



4B3E74



52460A

Square

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



4B3E74



75312A



364D15



005363

Rectangle

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



4B3E74



742E4E



364D15



00533F

Sweetspot

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



4B3E74



868196



3E6774



433F4D



CCCCCC



4D4D4D

Same Dimension

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



4B3E74



564296



663E74



36353B



1D007A



3C00FA

Inverse Universe

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



743E67



964282



4C743E



3B3539



7A005D



FA00BE

Previews

White Background



This preview shows how the Hex color 4B3E74 looks on a white background.

Color Contrast Check

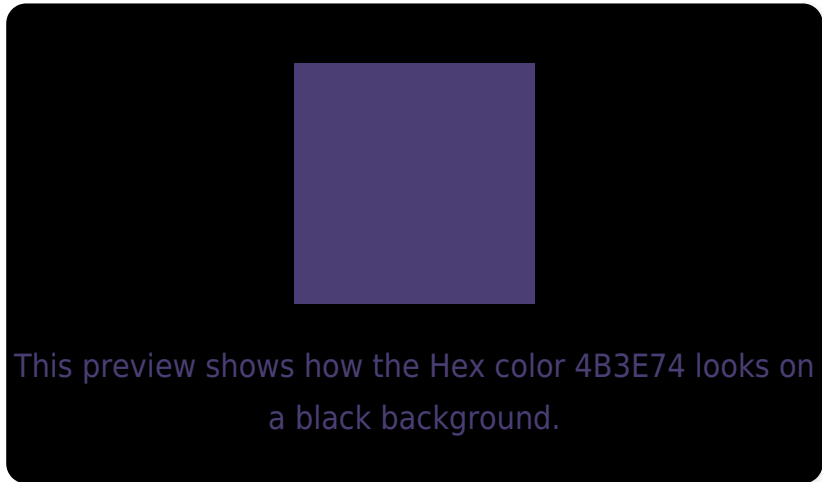
Large Text (above 18pt) WCAG AA ✓ Pass

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

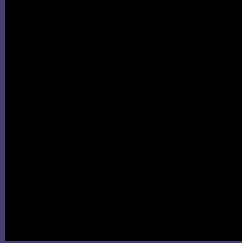
Any Text WCAG AA × Fail

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 4B3E74 Background



This preview shows how black text looks on a background with the Hex color 4B3E74.



This preview shows how white text looks on a background with the Hex color 4B3E74.

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
4B3E74

Protanopia
2F457A

Deuteranopia
2D4772



Tritanopia
43474D

Trichromacy



Original Color
4B3E74

Protanomaly
394278

Deuteranomaly
384473

Tritanomaly
46445B

Monochromacy



Original Color
4B3E74

Achromatopsia
484848

Achromatomaly
494458

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B3E74 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 #4B3E74 looks like.

```
.text, #text, p{  
    color:#4B3E74  
}
```

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 #4B3E74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B3E74
}
```

Border

The CSS property to change the border of an element to Hex 4B3E74 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
#4B3E74 }
```

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

```
.border{ border-color:#4B3E74 }
```

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

Here you see how a box with a 4 pixel #4B3E74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B3E74; -webkit-box-shadow:4px 4px  
4px 4px #4B3E74; box-shadow:4px 4px 4px  
4px #4B3E74 }
```

Background

The CSS property to change the background color of an element to Hex 4B3E74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B3E74 }
```

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

```
.background{ background-color:#4B3E74 }
```

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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