

Converting Colors

Hex(4B3D63)

Have a look what the booklet for
Hex(4B3D63) contains.

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Color

Hex(4B3D63)

Conversions

Conversions Part 1

Format	Color
Hex	4B3D63
RGB	75, 61, 99
RGB Percent	29%, 24%, 39%
CMY	0.7059, 0.7608, 0.6118
CMYK	0.24, 0.38, 0.00, 0.61
HSL	262°, 24%, 31%
HSV	262°, 38%, 39%
XYZ	6.8225, 5.7342, 12.5516
YIQ	69.5180, -3.8540, 14.7860

Conversions

Conversions Part 2

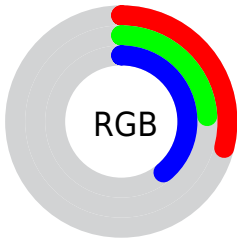
Format	Color
R _Y B	75, 61, 99
Decimal	4930915
CIE Lab	28.73, 14.99, -20.21
CIE LCh	29, 25.163, 306.557
Yxy	5.7342, 0.2717, 0.2284
Android (android.graphics.Color)	4283120995 (0xFF4B3D63)
YUV	69.5180, 14.5346, 4.8077
Hunter-Lab	23.9462, 8.9508, -14.3151

Details

The Hex color **4B3D63** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **55633D**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **7D6D96**, and **1D1334** is the 20% darker color. If you saturate the color by 10%, you get **453363**, and if you desaturate by 10%, it is **514763**.

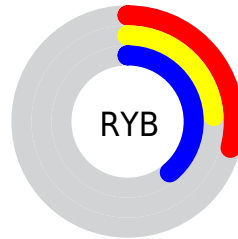
Distribution



Red (29%)

Green (24%)

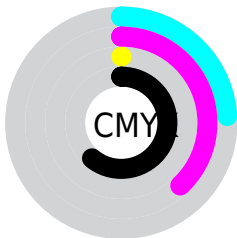
Blue (39%)



Red (29%)

Yellow (24%)

Blue (39%)

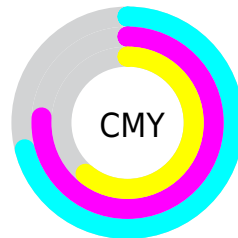


Cyan (24%)

Magenta (38%)

Yellow (0%)

Black (61%)



Cyan (71%)

Magenta (76%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B3D63 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 4B3D63 by changing the saturation by 10% instead.

■ 4B3D63

■ 4B3D63

FFFFFF

■ 34274B

■ 7D6D96

■ 1D1334

■ 9786B1

■ 04001F

■ B2A0CC

■ 000002

■ CDBBE8

■ 000000

■ EAD7FF

■ FFF3FF

■ 4B3D63

■ 4B3D63

■ 453363

■ 514763

■ 3E2963

■ 585163

■ 381F63

■ 5E5B63

■ 321563

■ 646563

■ 2C0C63

■ 6A6F63

■ 250263

■ 717863

■ 240063

■ 778263

■ 7D8C63

■ 839663

Harmonies

Analogous

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



2B446A



4B3D63



5F3654

Triad

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



4B3D63



5C3D20



004E48

Complementary

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



4B3D63



55633D

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.



1C4D34



4B3D63



4B441C

Square

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



4B3D63



66372E



374923



004D5A

Rectangle

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



4B3D63



663447



374923



004E41

Sweetspot

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



4B3D63



767080



3D5563



3A3740



BFBFBF



404040

Same Dimension

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



4B3D63



5A4580



5E3D63



2D2C30



290070



5800F0

Inverse Universe

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



633D55



80456A



42633D



302C2F



700047



F00097

Previews

White Background



This preview shows how the Hex color 4B3D63 looks on a white background.

Color Contrast Check

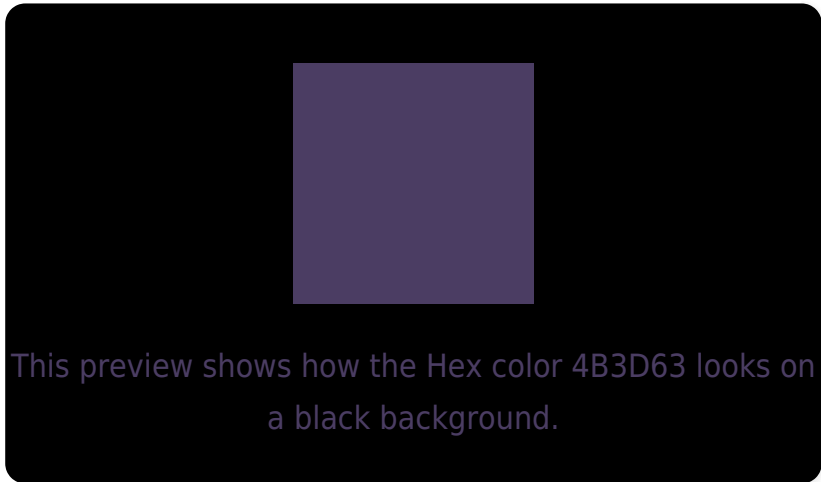
Large Text (above 18pt) WCAG AA ✓ Pass

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

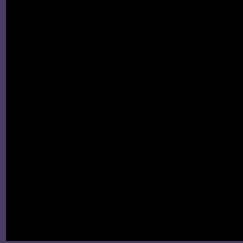
Any Text WCAG AA × Fail

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 4B3D63 Background



This preview shows how black text looks on a background with the Hex color 4B3D63.



This preview shows how white text looks on a background with the Hex color 4B3D63.

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
4B3D63

Protanopia
374368

Deuteranopia
384362



Tritanopia
464348

Trichromacy



Original Color
4B3D63

Protanomaly
3E4166

Deuteranomaly
3F4162

Tritanomaly
484152

Monochromacy



Original Color
4B3D63

Achromatopsia
464646

Achromatomaly
484351

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B3D63 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 #4B3D63 looks like.

```
.text, #text, p{  
    color:#4B3D63  
}
```

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 #4B3D63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B3D63  
}
```

Border

The CSS property to change the border of an element to Hex 4B3D63 is called "border". The border property can be set on classes, ids or directly on the HTML element.

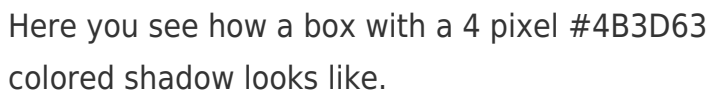
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4B3D63 }
```

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

```
.border{ border-color:#4B3D63 }
```

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



Here you see how a box with a 4 pixel #4B3D63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B3D63; -webkit-box-shadow:4px 4px  
4px 4px #4B3D63; box-shadow:4px 4px 4px  
4px #4B3D63 }
```

Background

The CSS property to change the background color of an element to Hex 4B3D63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B3D63 }
```

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

```
.background{ background-color:#4B3D63 }
```

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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