

Converting Colors

Hex(4B3451)

Have a look what the booklet for
Hex(4B3451) contains.

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Color

Hex(4B3451)

Conversions

Conversions Part 1

Format	Color
Hex	4B3451
RGB	75, 52, 81
RGB Percent	29%, 20%, 32%
CMY	0.7059, 0.7961, 0.6824
CMYK	0.07, 0.36, 0.00, 0.68
HSL	288°, 22%, 26%
HSV	288°, 36%, 32%
XYZ	5.6148, 4.5459, 8.3661
YIQ	62.1830, 4.3990, 13.8950

Conversions

Conversions Part 2

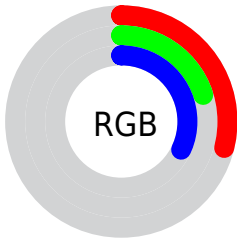
Format	Color
R_{YB}	75, 52, 81
Decimal	4928593
CIE Lab	25.40, 16.28, -13.65
CIE LCh	25, 21.246, 320.035
Yxy	4.5459, 0.3031, 0.2454
Android (android.graphics.Color)	4283118673 (0xFF4B3451)
YUV	62.1830, 9.2768, 11.2405
Hunter-Lab	21.3212, 9.6952, -8.3397

Details

The Hex color **4B3451** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3A5134**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **7C6382**, and **1F0824** is the 20% darker color. If you saturate the color by 10%, you get **492C51**, and if you desaturate by 10%, it is **4D3C51**.

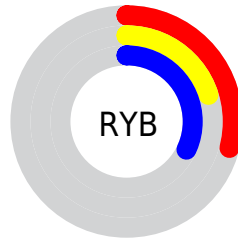
Distribution



Red (29%)

Green (20%)

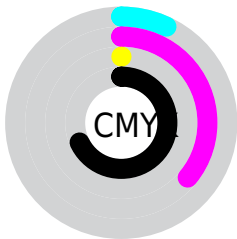
Blue (32%)



Red (29%)

Yellow (20%)

Blue (32%)

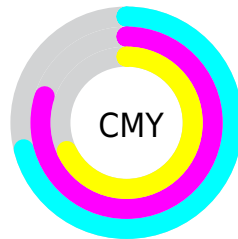


Cyan (7%)

Magenta (36%)

Yellow (0%)

Black (68%)



Cyan (71%)

Magenta (80%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B3451 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 4B3451 by changing the saturation by 10% instead.

 4B3451

 4B3451

FFFFFF

 341E3A

 7C6382

 1F0824

 967C9C

 00010E

 B196B7

 000000

 CDB1D3

 E9CCEF

 FFE8FF

 4B3451

 4B3451

 492C51

 4D3C51

■ 482451

■ 4E4451

■ 461C51

■ 504C51

■ 441451

■ 525451

■ 430B51

■ 535D51

■ 410351

■ 556551

■ 400051

■ 576D51

■ 587551

■ 5A7D51

Harmonies

Analogous

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



363A5A



4B3451



583042

Triad

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



4B3451



4B391C



004547

Complementary

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



4B3451



3A5134

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.



104436



4B3451



3C3F1D

Square

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



4B3451



563424



294227



004354

Rectangle

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



4B3451



5B2F37



294227



004541

Sweetspot

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



4B3451



665D69



343A51



342F36



B5B5B5



363636

Same Dimension

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



4B3451



5F3C69



513449



282529



530069



B800E8

Inverse Universe

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



51343A



693C45



34513C



292526



690016



E80030

Previews

White Background



This preview shows how the Hex color 4B3451 looks on a white background.

Color Contrast Check

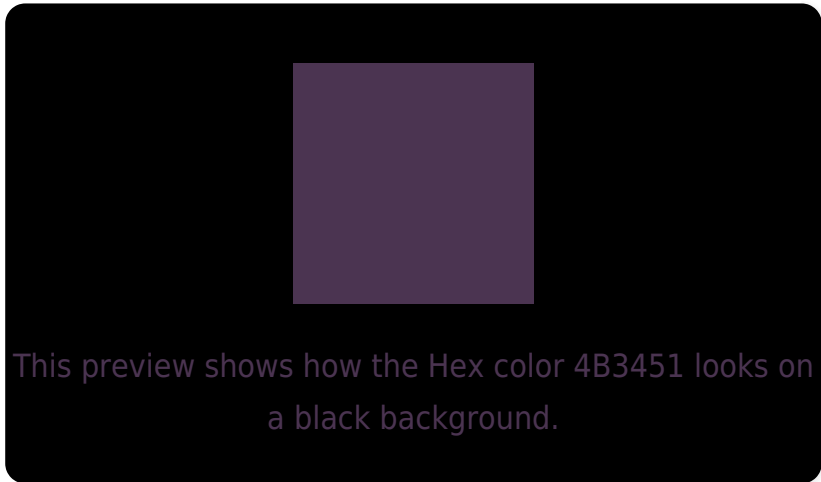
Large Text (above 18pt) WCAG AA ✓ Pass

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

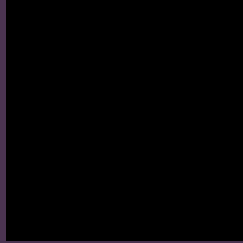
Any Text WCAG AA × Fail

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 4B3451 Background



This preview shows how black text looks on a background with the Hex color 4B3451.



This preview shows how white text looks on a background with the Hex color 4B3451.

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](#).

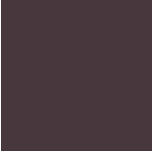
Dichromacy



Original Color
4B3451

Protanopia
343C57

Deuteranopia
383B50



Tritanopia
48383D

Trichromacy



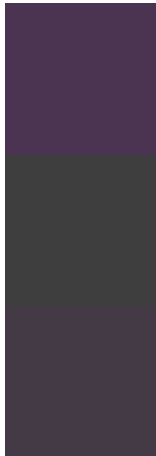
Original Color
4B3451

Protanomaly
3C3955

Deuteranomaly
3F3850

Tritanomaly
493744

Monochromacy



Original Color
4B3451

Achromatopsia
3E3E3E

Achromatomaly
433A45

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B3451 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 #4B3451 looks like.

```
.text, #text, p{  
    color:#4B3451  
}
```

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 #4B3451 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B3451
}
```

Border

The CSS property to change the border of an element to Hex 4B3451 is called "border". The border property can be set on classes, ids or directly on the HTML element.

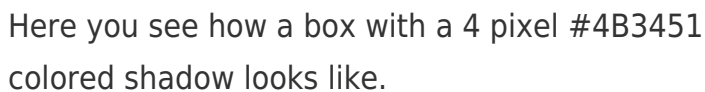
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B3451 }
```

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

```
.border{ border-color:#4B3451 }
```

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



Here you see how a box with a 4 pixel #4B3451 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B3451; -webkit-box-shadow:4px 4px  
4px 4px #4B3451; box-shadow:4px 4px 4px  
4px #4B3451 }
```

Background

The CSS property to change the background color of an element to Hex 4B3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B3451 }
```

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

```
.background{ background-color:#4B3451 }
```

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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