

Converting Colors

Hex(4B4053)

Have a look what the booklet for
Hex(4B4053) contains.

Hex(4B4053)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4B4053)

Conversions

Conversions Part 1

Format	Color
Hex	4B4053
RGB	75, 64, 83
RGB Percent	29%, 25%, 33%
CMY	0.7059, 0.7490, 0.6745
CMYK	0.10, 0.23, 0.00, 0.67
HSL	275°, 13%, 29%
HSV	275°, 23%, 33%
XYZ	6.2964, 5.7872, 8.9688
YIQ	69.4550, 0.4570, 8.2410

Conversions

Conversions Part 2

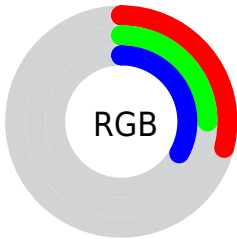
Format	Color
R_YB	75, 64, 83
Decimal	4931667
CIE Lab	28.87, 8.91, -9.66
CIE LCh	29, 13.142, 312.689
Yxy	5.7872, 0.2991, 0.2749
Android (android.graphics.Color)	4283121747 (0xFF4B4053)
YUV	69.4550, 6.6777, 4.8630
Hunter-Lab	24.0566, 4.6202, -5.2650

Details

The Hex color **4B4053** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **485340**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **7C7084**, and **1F1626** is the 20% darker color. If you saturate the color by 10%, you get **483853**, and if you desaturate by 10%, it is **4E4853**.

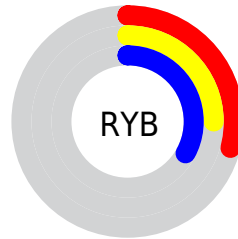
Distribution



Red (29%)

Green (25%)

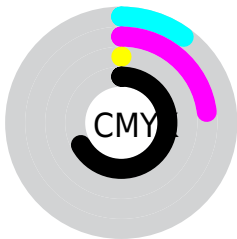
Blue (33%)



Red (29%)

Yellow (25%)

Blue (33%)

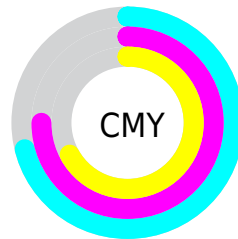


Cyan (10%)

Magenta (23%)

Yellow (0%)

Black (67%)



Cyan (71%)

Magenta (75%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B4053 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 4B4053 by changing the saturation by 10% instead.

■ 4B4053

■ 4B4053

FFFFFF

■ 342A3C

■ 7C7084

■ 1F1626

■ 96899F

■ 020011

■ B1A3BA

■ 000000

■ CCBFD5

■ E8DAF2

■ FFF7FF

■ 4B4053

■ 4B4053

■ 483853

■ 4E4853

■ 442F53

■ 525153

■ 412753

■ 555953

■ 3D1F53

■ 596153

■ 3A1653

■ 5C6A53

■ 360E53

■ 607253

■ 330653

■ 637A53

■ 300053

■ 678253

■ 6A8B53

Harmonies

Analogous

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



3E4458



4B4053



553D4A

Triad

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



4B4053



514131



284A48

Complementary

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



4B4053



485340

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.



30493E



4B4053



474530

Square

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



4B4053



573E37



3C4835



274951

Rectangle

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



4B4053



583D43



3C4835



2A4A45

Sweetspot

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



4B4053



68646B



404853



343136



B5B5B5



363636

Same Dimension

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



4B4053



5F4E6B



534052



272529



3D0069



8600E8

Inverse Universe

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



534048



6B4E5A



405341



292526



69002C



E80062

Previews

White Background



This preview shows how the Hex color 4B4053 looks on a white background.

Color Contrast Check

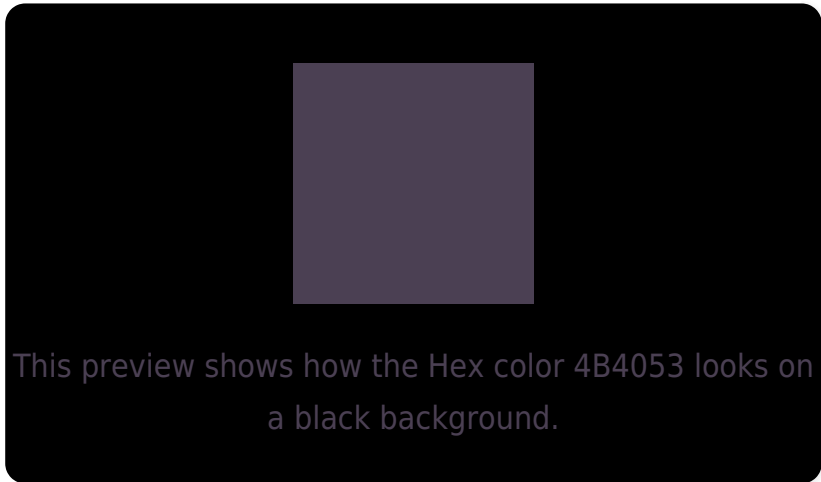
Large Text (above 18pt) WCAG AA ✓ Pass

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

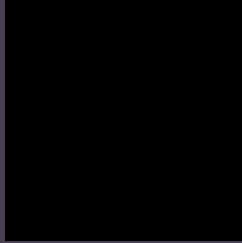
Any Text WCAG AA × Fail

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 4B4053 Background



This preview shows how black text looks on a background with the Hex color 4B4053.



This preview shows how white text looks on a background with the Hex color 4B4053.

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
4B4053

Protanopia
404355

Deuteranopia
444352



Tritanopia
494247

Trichromacy



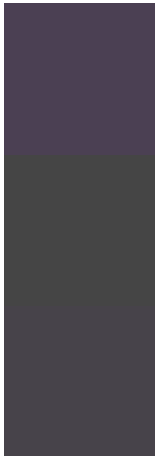
Original Color
4B4053

Protanomaly
444254

Deuteranomaly
474252

Tritanomaly
4A414B

Monochromacy



Original Color
4B4053

Achromatopsia
454545

Achromatomaly
47434A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B4053 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 #4B4053 looks like.

```
.text, #text, p{  
    color:#4B4053  
}
```

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 #4B4053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4053
}
```

Border

The CSS property to change the border of an element to Hex 4B4053 is called "border". The border property can be set on classes, ids or directly on the HTML element.

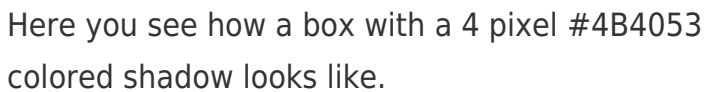
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B4053 }
```

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

```
.border{ border-color:#4B4053 }
```

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



Here you see how a box with a 4 pixel #4B4053 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4053; -webkit-box-shadow:4px 4px  
4px 4px #4B4053; box-shadow:4px 4px 4px  
4px #4B4053 }
```

Background

The CSS property to change the background color of an element to Hex 4B4053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4053 }
```

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

```
.background{ background-color:#4B4053 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor