

Converting Colors

Hex(4B2054)

Have a look what the booklet for
Hex(4B2054) contains.

Hex(4B2054)	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(4B2054)

Conversions

Conversions Part 1

Format	Color
Hex	4B2054
RGB	75, 32, 84
RGB Percent	29%, 13%, 33%
CMY	0.7059, 0.8745, 0.6706
CMYK	0.11, 0.62, 0.00, 0.67
HSL	290°, 45%, 23%
HSV	290°, 62%, 33%
XYZ	5.0184, 3.1690, 8.7347
YIQ	50.7850, 8.9360, 25.2880

Conversions

Conversions Part 2

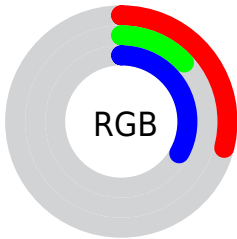
Format	Color
R_{YB}	75, 32, 84
Decimal	4923476
CIE _{Lab}	20.71, 29.35, -22.97
CIE _{LCh}	21, 37.269, 321.958
Yxy	3.1690, 0.2966, 0.1873
Android (android.graphics.Color)	4283113556 (0xFF4B2054)
YUV	50.7850, 16.3750, 21.2366
Hunter-Lab	17.8016, 19.1676, -16.6306

Details

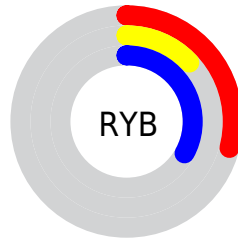
The Hex color **4B2054** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **295420**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **7D4F86**, and **210027** is the 20% darker color. If you saturate the color by 10%, you get **4A1854**, and if you desaturate by 10%, it is **4C2854**.

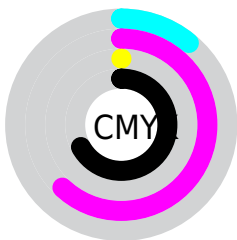
Distribution



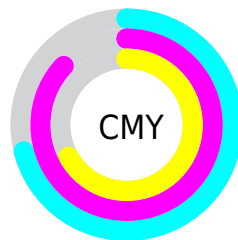
- Red (29%)
- Green (13%)
- Blue (33%)



- Red (29%)
- Yellow (13%)
- Blue (33%)



- Cyan (11%)
- Magenta (62%)
- Yellow (0%)
- Black (67%)



- Cyan (71%)
- Magenta (87%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B2054 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 4B2054 by changing the saturation by 10% instead.

■ 4B2054

■ 4B2054

FFFFFF

■ 33083D

■ 7D4F86

■ 210027

■ 9868A0

■ 000110

■ B381BB

■ 000000

■ CF9BD7

■ ECB7F4

■ FFD2FF

■ FFEFFF

■ 4B2054

■ 4B2054

■ 4A1854

■ 4C2854

■ 480F54

■ 4E3154

■ 470754

■ 4F3954

■ 450054

■ 514254

■ 524A54

■ 545254

■ 555B54

■ 576354

■ 586C54

Harmonies

Analogous

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



1F2E65



4B2054



5E133A

Triad

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



4B2054



452E00



003E46

Complementary

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



4B2054



295420

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.



003D29



4B2054



2C3600

Square

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



4B2054



572202



003B0D



003C5D

Rectangle

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



4B2054



621228



003B0D



003E3C

Sweetspot

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



4B2054



6A596E



202A54



362B38



B8B8B8



383838

Same Dimension

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



4B2054



601D6E



542044



282529



560069



C000E8

Inverse Universe

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



542029



6E1D2B



205430



292525



690012



E80028

Previews

White Background



This preview shows how the Hex color 4B2054 looks on a white background.

Color Contrast Check

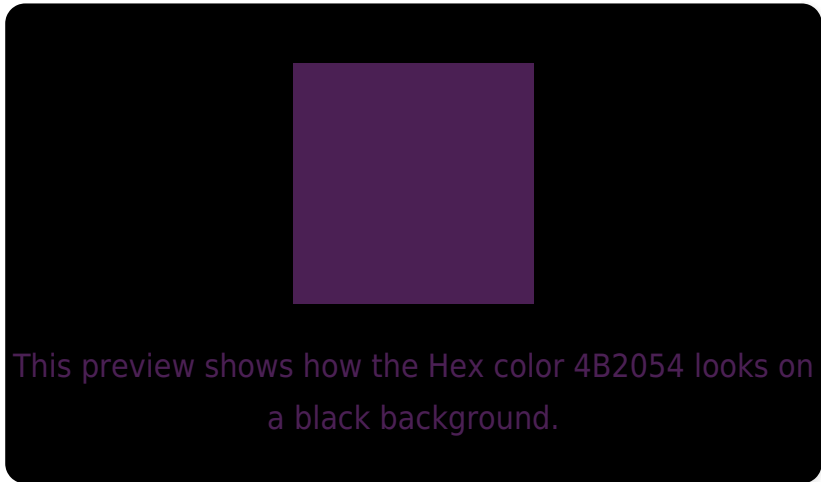
Large Text (above 18pt) WCAG AA ✓ Pass

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

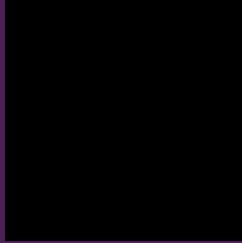
Any Text WCAG AA × Fail

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 4B2054 Background



This preview shows how black text looks on a background with the Hex color 4B2054.

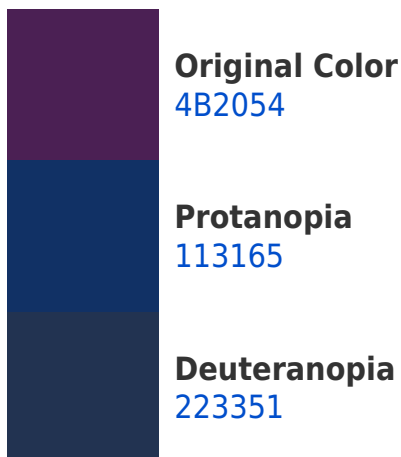


This preview shows how white text looks on a background with the Hex color 4B2054.

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





Tritanopia
462B2E

Trichromacy



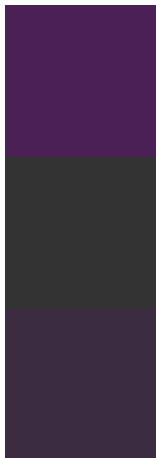
Original Color
4B2054

Protanomaly
262B5F

Deuteranomaly
312C52

Tritanomaly
48273C

Monochromacy



Original Color
4B2054

Achromatopsia
333333

Achromatomaly
3C2C3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B2054 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 #4B2054 looks like.

```
.text, #text, p{  
    color:#4B2054  
}
```

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 #4B2054 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B2054
}
```

Border

The CSS property to change the border of an element to Hex 4B2054 is called "border". The border property can be set on classes, ids or directly on the HTML element.

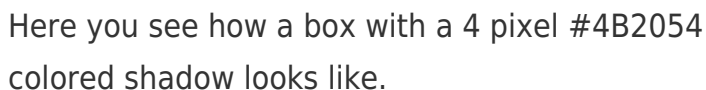
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B2054 }
```

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

```
.border{ border-color:#4B2054 }
```

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



Here you see how a box with a 4 pixel #4B2054 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B2054; -webkit-box-shadow:4px 4px  
4px 4px #4B2054; box-shadow:4px 4px 4px  
4px #4B2054 }
```

Background

The CSS property to change the background color of an element to Hex 4B2054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B2054 }
```

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

```
.background{ background-color:#4B2054 }
```

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