

Converting Colors

Hex(4B164B)

Have a look what the booklet for
Hex(4B164B) contains.

Hex(4B164B)	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(4B164B)

Conversions

Conversions Part 1

Format	Color
Hex	4B164B
RGB	75, 22, 75
RGB Percent	29%, 9%, 29%
CMY	0.7059, 0.9137, 0.7059
CMYK	0.00, 0.71, 0.00, 0.71
HSL	300°, 55%, 19%
HSV	300°, 71%, 29%
XYZ	4.4586, 2.5777, 6.9192
YIQ	43.8890, 14.5750, 27.7190

Conversions

Conversions Part 2

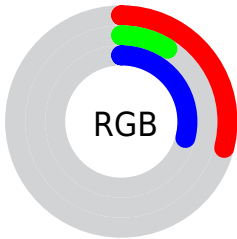
Format	Color
R_{YB}	75, 22, 75
Decimal	4920907
CIE _{Lab}	18.27, 32.63, -20.73
CIE _{LCh}	18, 38.654, 327.567
Yxy	2.5777, 0.3195, 0.1847
Android (android.graphics.Color)	4283110987 (0xFF4B164B)
YUV	43.8890, 15.3377, 27.2843
Hunter-Lab	16.0551, 21.4735, -14.3132

Details

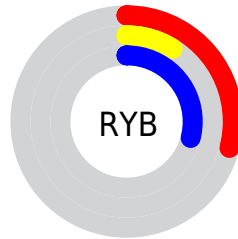
The Hex color **4B164B** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **164B16**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **7E467C**, and **1F001F** is the 20% darker color. If you saturate the color by 10%, you get **4B0E4B**, and if you desaturate by 10%, it is **4B1D4B**.

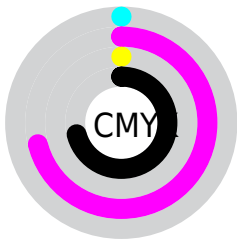
Distribution



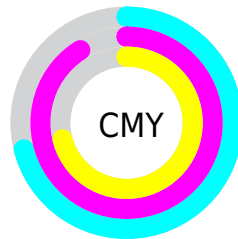
- Red (29%)
- Green (9%)
- Blue (29%)



- Red (29%)
- Yellow (9%)
- Blue (29%)



- Cyan (0%)
- Magenta (71%)
- Yellow (0%)
- Black (71%)



- Cyan (71%)
- Magenta (91%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B164B 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 4B164B by changing the saturation by 10% instead.



4B164B



4B164B

FFFFFF



330034



7E467C



1F001F



985E96



000001



B478B1



000000



D092CC



ECADE9



FFC9FF



FFE5FF



4B164B



4B164B

■ 4B0E4B

■ 4B1D4B

■ 4B074B

■ 4B254B

■ 4B004B

■ 4B2D4B

■ 4B344B

■ 4B3B4B

■ 4B434B

■ 4B4B4B

■ 4B524B

■ 4B5A4B

Harmonies

Analogous

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



23265F



4B164B



5B0630

Triad

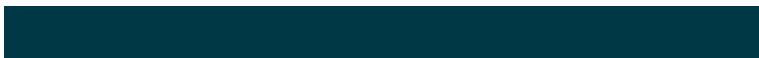
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4B164B



3A2B00



003846

Complementary

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



4B164B



164B16

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.



003829



4B164B



203200

Square

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



4B164B



4F1E00



00360B



00375C

Rectangle

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



4B164B



5C091E



00360B



00393D

Sweetspot

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



4B164B



614D61



16164B



302430



B0B0B0



303030

Same Dimension

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



4B164B



610F61



4B1631



262226



660066



E600E6

Inverse Universe

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



4B164B



610F61



164B31



262226



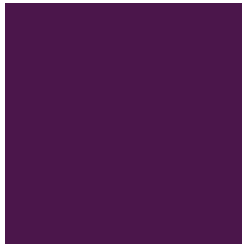
660066



E600E6

Previews

White Background



This preview shows how the Hex color 4B164B looks on a white background.

Color Contrast Check

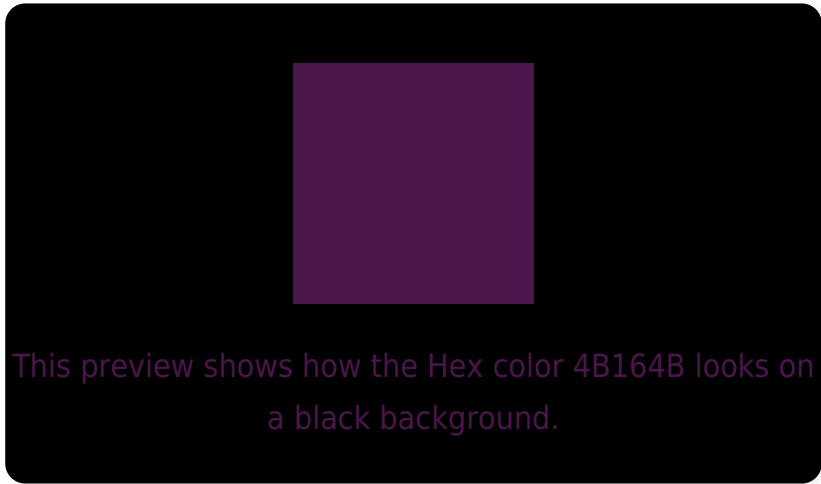
Large Text (above 18pt) WCAG AA ✓ Pass

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

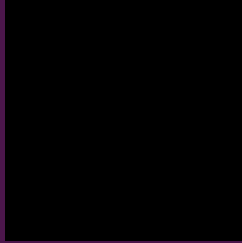
Any Text WCAG AA × Fail

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 4B164B Background



This preview shows how black text looks on a background with the Hex color 4B164B.

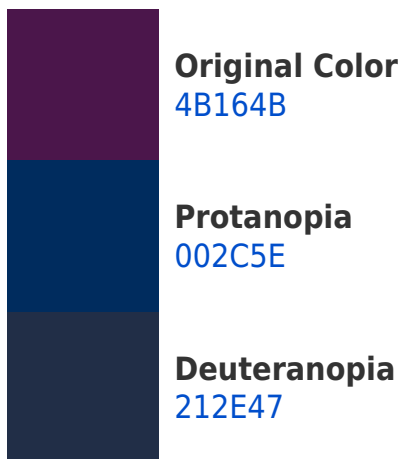


This preview shows how white text looks on a background with the Hex color 4B164B.

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
472325

Trichromacy



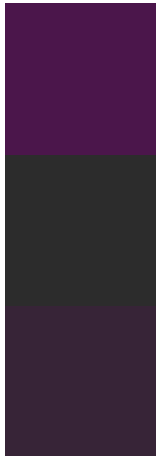
Original Color
4B164B

Protanomaly
1B2457

Deuteranomaly
302548

Tritanomaly
481E33

Monochromacy



Original Color
4B164B

Achromatopsia
2C2C2C

Achromatomaly
372437

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B164B 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 #4B164B looks like.

```
.text, #text, p{  
    color:#4B164B  
}
```

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 #4B164B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B164B
}
```

Border

The CSS property to change the border of an element to Hex 4B164B is called "border". The border property can be set on classes, ids or directly on the HTML element.

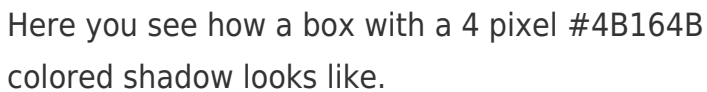
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B164B }
```

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

```
.border{ border-color:#4B164B }
```

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



Here you see how a box with a 4 pixel #4B164B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B164B; -webkit-box-shadow:4px 4px  
4px 4px #4B164B; box-shadow:4px 4px 4px  
4px #4B164B }
```

Background

The CSS property to change the background color of an element to Hex 4B164B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B164B }
```

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

```
.background{ background-color:#4B164B }
```

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