

Converting Colors

Hex(4B2E41)

Have a look what the booklet for
Hex(4B2E41) contains.

Hex(4B2E41)	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(4B2E41)

Conversions

Conversions Part 1

Format	Color
Hex	4B2E41
RGB	75, 46, 65
RGB Percent	29%, 18%, 25%
CMY	0.7059, 0.8196, 0.7451
CMYK	0.00, 0.39, 0.13, 0.71
HSL	321°, 24%, 24%
HSV	321°, 39%, 29%
XYZ	4.8328, 3.8315, 5.4859
YIQ	56.8370, 11.1850, 12.0570

Conversions

Conversions Part 2

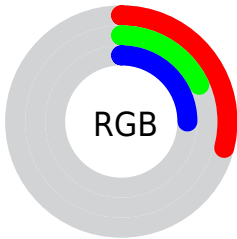
Format	Color
R_{YB}	75, 46, 65
Decimal	4927041
CIE _{Lab}	23.11, 16.67, -6.44
CIE _{LCh}	23, 17.875, 338.870
Yxy	3.8315, 0.3415, 0.2708
Android (android.graphics.Color)	4283117121 (0xFF4B2E41)
YUV	56.8370, 4.0244, 15.9290
Hunter-Lab	19.5742, 9.8159, -2.9146

Details

The Hex color **4B2E41** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2E4B38**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **7C5C71**, and **200017** is the 20% darker color. If you saturate the color by 10%, you get **4B273E**, and if you desaturate by 10%, it is **4B3544**.

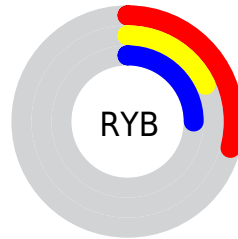
Distribution



Red (29%)

Green (18%)

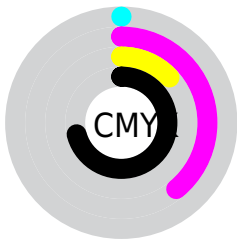
Blue (25%)



Red (29%)

Yellow (18%)

Blue (25%)

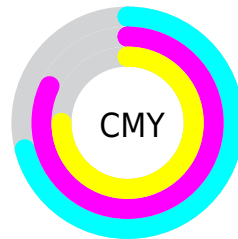


Cyan (0%)

Magenta (39%)

Yellow (13%)

Black (71%)



Cyan (71%)

Magenta (82%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B2E41 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 4B2E41 by changing the saturation by 10% instead.



4B2E41



4B2E41

FFFFFF



34192B



7C5C71



200017



97758A



000000



B18FA5



CDA9C0



E9C5DB



FFE1F8



FFFEFF



4B2E41



4B2E41

■ 4B273E

■ 4B3544

■ 4B1F3C

■ 4B3D46

■ 4B1739

■ 4B4549

■ 4B1037

■ 4B4C4B

■ 4B0834

■ 4B544E

■ 4B0131

■ 4B5B51

■ 4B0031

■ 4B6253

■ 4B6A56

■ 4B7258

Harmonies

Analogous

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



3E324C



4B2E41



512D34

Triad

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



4B2E41



3C381C



003D47

Complementary

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



4B2E41



2E4B38

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.



083E3B



4B2E41



2D3B22

Square

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



4B2E41



48331E



1D3D2D



113B50

Rectangle

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



4B2E41



512E2B



1D3D2D



003E44

Sweetspot

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



4B2E41



61555D



382E4B



302A2E



B0B0B0



303030

Same Dimension

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



4B2E41



613452



4B2E33



262225



660043



E60096

Inverse Universe

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



4B2E41



613452



2E4B46



262225



660043



E60096

Previews

White Background



This preview shows how the Hex color 4B2E41 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

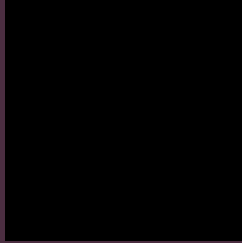
Any Text WCAG AA × Fail

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 4B2E41 Background



This preview shows how black text looks on a background with the Hex color 4B2E41.



This preview shows how white text looks on a background with the Hex color 4B2E41.

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](#).

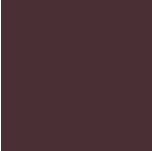
Dichromacy



Original Color
4B2E41

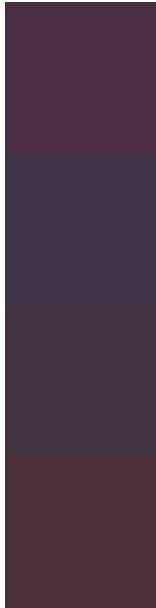
Protanopia
333747

Deuteranopia
393640



Tritanopia
4A3034

Trichromacy



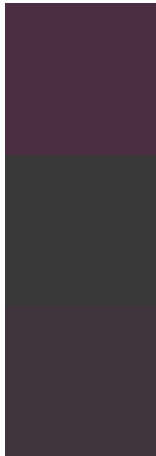
Original Color
4B2E41

Protanomaly
3C3445

Deuteranomaly
403340

Tritanomaly
4A2F39

Monochromacy



Original Color
4B2E41

Achromatopsia
393939

Achromatomaly
40353C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B2E41 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 #4B2E41 looks like.

```
.text, #text, p{  
    color:#4B2E41  
}
```

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 #4B2E41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B2E41
}
```

Border

The CSS property to change the border of an element to Hex 4B2E41 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".

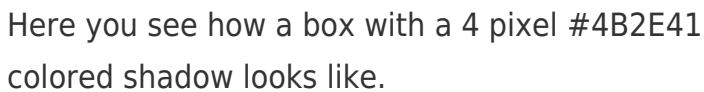
```
.border, #border, table{ border:4px solid
#4B2E41 }
```

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

```
.border{ border-color:#4B2E41 }
```

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

Here you see how a box with a 4 pixel #4B2E41 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B2E41; -webkit-box-shadow:4px 4px  
4px 4px #4B2E41; box-shadow:4px 4px 4px  
4px #4B2E41 }
```

Background

The CSS property to change the background color of an element to Hex 4B2E41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B2E41 }
```

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

```
.background{ background-color:#4B2E41 }
```

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