

Converting Colors

Hex(4B2232)

Have a look what the booklet for
Hex(4B2232) contains.

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Color

Hex(4B2232)

Conversions

Conversions Part 1

Format	Color
Hex	4B2232
RGB	75, 34, 50
RGB Percent	29%, 13%, 20%
CMY	0.7059, 0.8667, 0.8039
CMYK	0.00, 0.55, 0.33, 0.71
HSL	337°, 38%, 21%
HSV	337°, 55%, 29%
XYZ	4.0494, 2.8702, 3.3582
YIQ	48.0830, 19.3000, 13.6680

Conversions

Conversions Part 2

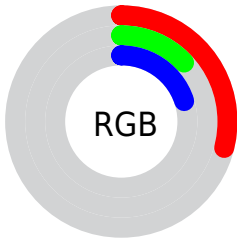
Format	Color
R_YB	75, 34, 50
Decimal	4923954
CIE Lab	19.52, 21.54, -1.49
CIE LCh	20, 21.594, 356.055
Yxy	2.8702, 0.3940, 0.2793
Android (android.graphics.Color)	4283114034 (0xFF4B2232)
YUV	48.0830, 0.9451, 23.6062
Hunter-Lab	16.9417, 13.0172, 0.1067

Details

The Hex color **4B2232** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **224B3B**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **7D5060**, and **210002** is the 20% darker color. If you saturate the color by 10%, you get **4B1B2D**, and if you desaturate by 10%, it is **4B2A37**.

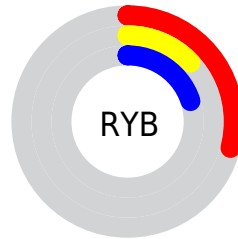
Distribution



Red (29%)

Green (13%)

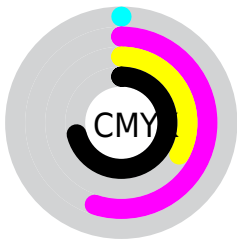
Blue (20%)



Red (29%)

Yellow (13%)

Blue (20%)

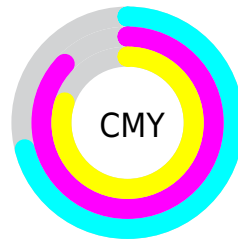


Cyan (0%)

Magenta (55%)

Yellow (33%)

Black (71%)



Cyan (71%)

Magenta (87%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B2232 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 4B2232 by changing the saturation by 10% instead.



4B2232



4B2232

FFFFFF



330C1D



7D5060



210002



986879



000000



B38293



CF9CAD



EBB7C8



FFD3E5



FFEEFF



4B2232



4B2232

■ 4B1B2D

■ 4B2A37

■ 4B1329

■ 4B313B

■ 4B0C24

■ 4B3940

■ 4B0420

■ 4B4044

■ 4B001D

■ 4B4849

■ 4B4F4D

■ 4B5752

■ 4B5E57

■ 4B665B

Harmonies

Analogous

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



412641



4B2232



4C2322

Triad

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



4B2232



2B3212



003549

Complementary

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



4B2232



224B3B

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.



00373D



4B2232



17361D

Square

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



4B2232



3A2E0F



00372D



0B324F

Rectangle

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



4B2232



492619



00372D



003646

Sweetspot

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



4B2232



615157



3B224B



30272B



B0B0B0



303030

Same Dimension

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



4B2232



61213A



4B2622



262224



660028



E6005A

Inverse Universe

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



4B2232



61213A



22474B



262224



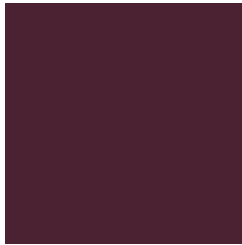
660028



E6005A

Previews

White Background



This preview shows how the Hex color 4B2232 looks on a white background.

Color Contrast Check

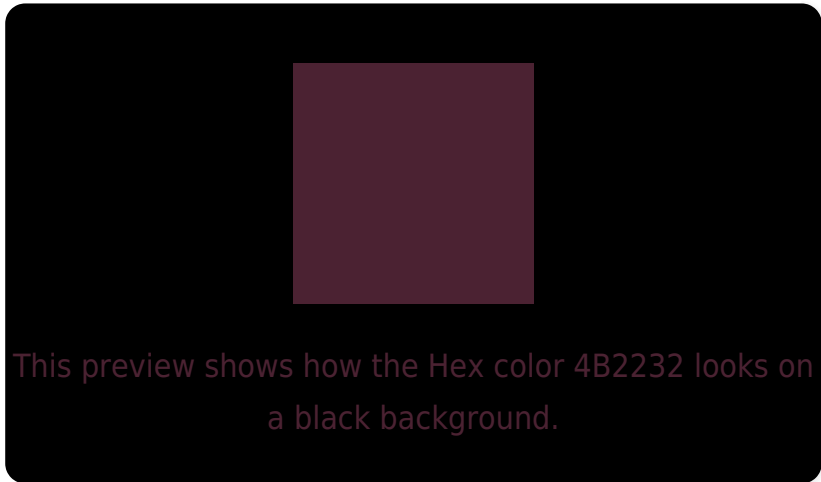
Large Text (above 18pt) WCAG AA ✓ Pass

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

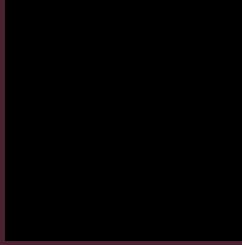
Any Text WCAG AA × Fail

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 4B2232 Background



This preview shows how black text looks on a background with the Hex color 4B2232.



This preview shows how white text looks on a background with the Hex color 4B2232.

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
4B2232

Protanopia
2E303B

Deuteranopia
352E30



Tritanopia
4A2427

Trichromacy



Original Color

4B2232

Protanomaly

392B38

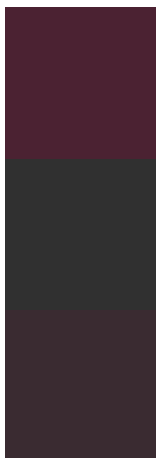
Deuteranomaly

3D2A31

Tritanomaly

4A232B

Monochromacy



Original Color

4B2232

Achromatopsia

303030

Achromatomaly

3A2B31

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B2232 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 #4B2232 looks like.

```
.text, #text, p{  
    color:#4B2232  
}
```

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 #4B2232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B2232
}
```

Border

The CSS property to change the border of an element to Hex 4B2232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

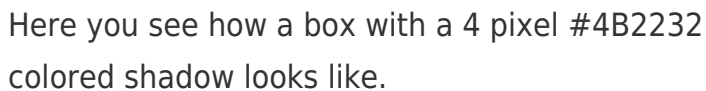
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B2232 }
```

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

```
.border{ border-color:#4B2232 }
```

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



Here you see how a box with a 4 pixel #4B2232 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B2232; -webkit-box-shadow:4px 4px  
4px 4px #4B2232; box-shadow:4px 4px 4px  
4px #4B2232 }
```

Background

The CSS property to change the background color of an element to Hex 4B2232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B2232 }
```

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

```
.background{ background-color:#4B2232 }
```

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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