

Converting Colors

Hex(42231B)

Have a look what the booklet for
Hex(42231B) contains.

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Color

Hex(42231B)

Conversions

Conversions Part 1

Format	Color
Hex	42231B
RGB	66, 35, 27
RGB Percent	26%, 14%, 11%
CMY	0.7412, 0.8627, 0.8941
CMYK	0.00, 0.47, 0.59, 0.74
HSL	12°, 42%, 18%
HSV	12°, 59%, 26%
XYZ	3.0456, 2.4394, 1.3472
YIQ	43.3570, 21.0440, 4.0840

Conversions

Conversions Part 2

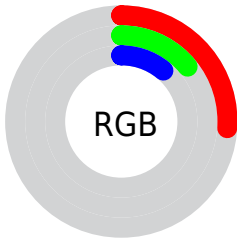
Format	Color
R_{YB}	66, 37, 27
Decimal	4334363
CIE Lab	17.64, 13.80, 11.75
CIE LCh	18, 18.123, 40.400
Yxy	2.4394, 0.4458, 0.3570
Android (android.graphics.Color)	4282524443 (0xFF42231B)
YUV	43.3570, -8.0640, 19.8579
Hunter-Lab	15.6187, 7.4745, 5.8188

Details

The Hex color **42231B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1B3A42**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **745046**, and **090000** is the 20% darker color. If you saturate the color by 10%, you get **421E14**, and if you desaturate by 10%, it is **422822**.

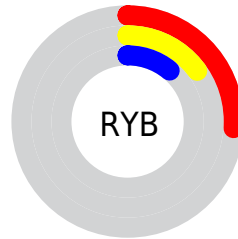
Distribution



Red (26%)

Green (14%)

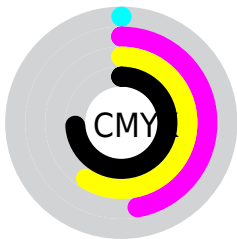
Blue (11%)



Red (26%)

Yellow (15%)

Blue (11%)

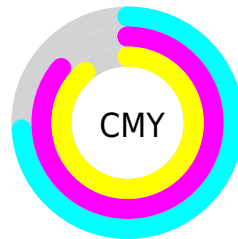


Cyan (0%)

Magenta (47%)

Yellow (59%)

Black (74%)



Cyan (74%)

Magenta (86%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42231B 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 42231B by changing the saturation by 10% instead.



42231B



42231B

FFFFFF



2B0E00



745046



090000



8E685E



000000



A98177



C59B90



E1B6AB



FED2C6



FFEEE2



42231B



42231B

■ 421E14

■ 422822

■ 42190E

■ 422D28

■ 421307

■ 42332F

■ 420E01

■ 423835

■ 420E00

■ 423D3C

■ 424243

■ 424849

■ 424D50

■ 425256

Harmonies

Analogous

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



442127



42231B



3A2713

Triad

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



42231B



0F3122



1E2B45

Complementary

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



42231B



1B3A42

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.



002F44



42231B



003230

Square

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



42231B



212F17



00313C



32263F

Rectangle

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



42231B



332B11



00313C



162D45

Sweetspot

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



42231B



574A47



421B3A



2B2422



ABABAB



2B2B2B

Same Dimension

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



42231B



572619



42361B



211F1E



611400



E02E00

Inverse Universe

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



1B3A42



194A57



1B2742



1E2021



004D61



00B2E0

Previews

White Background



This preview shows how the Hex color 42231B looks on a white background.

Color Contrast Check

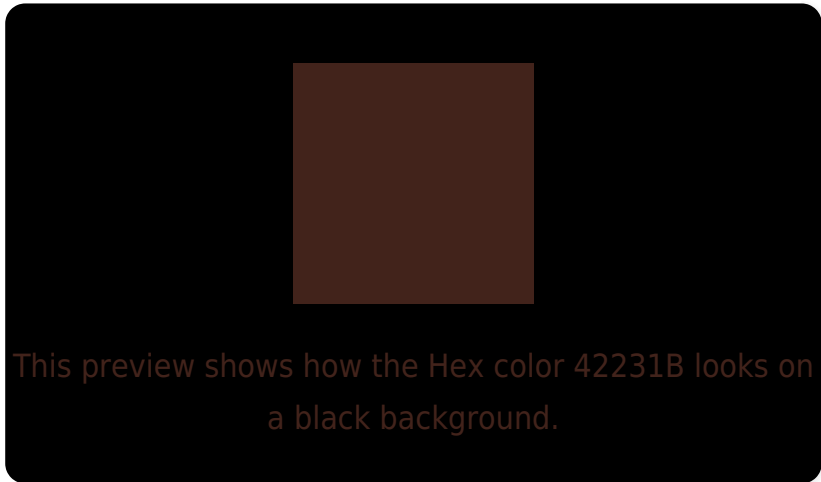
Large Text (above 18pt) WCAG AA ✓ Pass

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

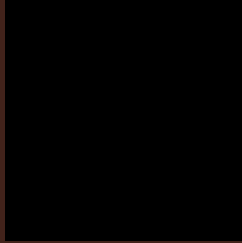
Any Text WCAG AA × Fail

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 42231B Background



This preview shows how black text looks on a background with the Hex color 42231B.

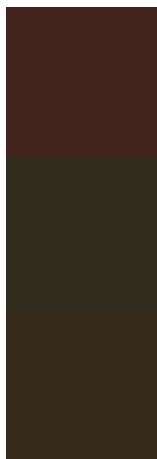


This preview shows how white text looks on a background with the Hex color 42231B.

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
42231B

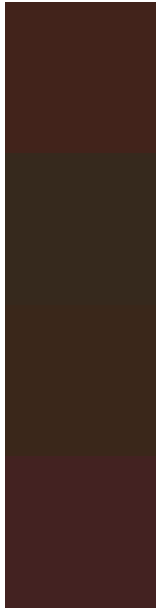
Protanopia
2F2C1E

Deuteranopia
352A1A



Tritanopia
432224

Trichromacy



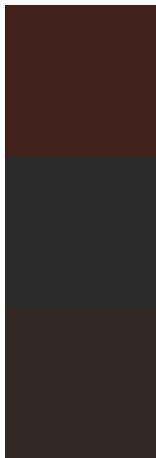
Original Color
42231B

Protanomaly
36291D

Deuteranomaly
3A271A

Tritanomaly
432221

Monochromacy



Original Color
42231B

Achromatopsia
2B2B2B

Achromatomaly
332825

CSS Examples

Text

The CSS property to change the color of the text to Hex 42231B 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 #42231B looks like.

```
.text, #text, p{  
    color:#42231B  
}
```

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 #42231B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42231B
}
```

Border

The CSS property to change the border of an element to Hex 42231B is called "border". The border property can be set on classes, ids or directly on the HTML element.

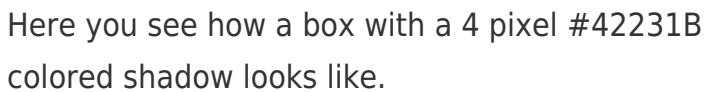
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42231B }
```

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

```
.border{ border-color:#42231B }
```

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



Here you see how a box with a 4 pixel #42231B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42231B; -webkit-box-shadow:4px 4px  
4px 4px #42231B; box-shadow:4px 4px 4px  
4px #42231B }
```

Background

The CSS property to change the background color of an element to Hex 42231B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42231B }
```

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

```
.background{ background-color:#42231B }
```

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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