

Converting Colors

Hex(42221B)

Have a look what the booklet for
Hex(42221B) contains.

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Color

Hex(42221B)

Conversions

Conversions Part 1

Format	Color
Hex	42221B
RGB	66, 34, 27
RGB Percent	26%, 13%, 11%
CMY	0.7412, 0.8667, 0.8941
CMYK	0.00, 0.48, 0.59, 0.74
HSL	11°, 42%, 18%
HSV	11°, 59%, 26%
XYZ	3.0166, 2.3814, 1.3376
YIQ	42.7700, 21.3190, 4.6070

Conversions

Conversions Part 2

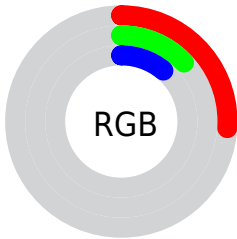
Format	Color
RYB	66, 36, 27
Decimal	4334107
CIELab	17.37, 14.45, 11.39
CIELCh	17, 18.404, 38.247
Yxy	2.3814, 0.4479, 0.3536
Android (android.graphics.Color)	4282524187 (0xFF42221B)
YUV	42.7700, -7.7746, 20.3727
Hunter-Lab	15.4319, 7.8873, 5.6633

Details

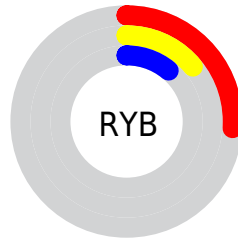
The Hex color **42221B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1B3B42**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **744F46**, and **080000** is the 20% darker color. If you saturate the color by 10%, you get **421D14**, and if you desaturate by 10%, it is **422722**.

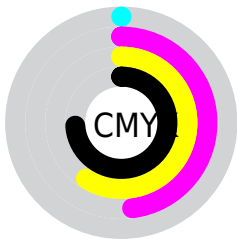
Distribution



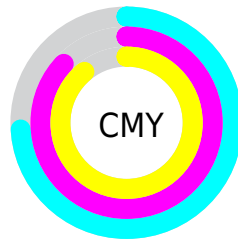
- Red (26%)
- Green (13%)
- Blue (11%)



- Red (26%)
- Yellow (14%)
- Blue (11%)



- Cyan (0%)
- Magenta (48%)
- Yellow (59%)
- Black (74%)



- Cyan (74%)
- Magenta (87%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42221B 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 42221B by changing the saturation by 10% instead.



42221B



42221B

FFFFFF



2B0D00



744F46



080000



8E675E



000000



A98077



C59A90



E2B5AB



FFD1C6



FFEDE2



42221B



42221B

■ 421D14

■ 422722

■ 42170E

■ 422D28

■ 421207

■ 42322F

■ 420C01

■ 423835

■ 420C00

■ 423D3C

■ 424243

■ 424849

■ 424D50

■ 425356

Harmonies

Analogous

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



442027



42221B



3B2712

Triad

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



42221B



0F3120



1C2B45

Complementary

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



42221B



1B3B42

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.



002F43



42221B



00312E

Square

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



42221B



212F15



00313B



31263F

Rectangle

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



42221B



332A0F



00313B



122C45

Sweetspot

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



42221B



574A47



421B3B



2B2422



ABABAB



2B2B2B

Same Dimension

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



42221B



572419



42351B



211E1E



611100



E02800

Inverse Universe

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



1B3B42



194C57



1B2842



1E2121



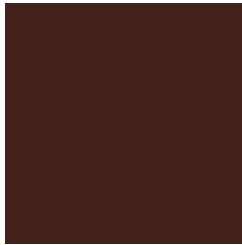
005061



00B8E0

Previews

White Background



This preview shows how the Hex color 42221B 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 42221B Background



This preview shows how black text looks on a background with the Hex color 42221B.

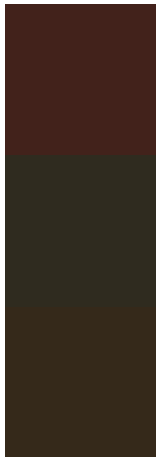


This preview shows how white text looks on a background with the Hex color 42221B.

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
42221B

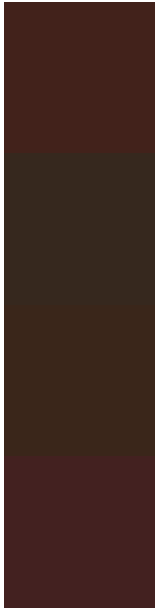
Protanopia
2F2B1F

Deuteranopia
35291A



Tritanopia
432123

Trichromacy



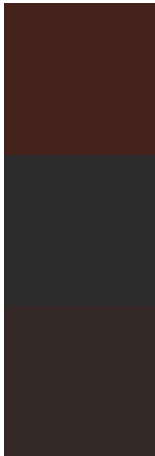
Original Color
42221B

Protanomaly
36281E

Deuteranomaly
3A261A

Tritanomaly
432120

Monochromacy



Original Color
42221B

Achromatopsia
2B2B2B

Achromatomaly
332825

CSS Examples

Text

The CSS property to change the color of the text to Hex 42221B 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 #42221B looks like.

```
.text, #text, p{  
    color:#42221B  
}
```

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 #42221B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42221B
}
```

Border

The CSS property to change the border of an element to Hex 42221B is called "border". The border property can be set on classes, ids or directly on the HTML element.

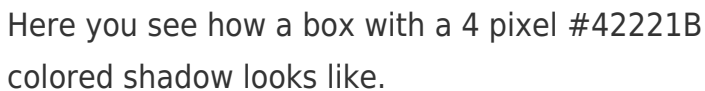
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42221B }
```

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

```
.border{ border-color:#42221B }
```

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



Here you see how a box with a 4 pixel #42221B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42221B; -webkit-box-shadow:4px 4px  
4px 4px #42221B; box-shadow:4px 4px 4px  
4px #42221B }
```

Background

The CSS property to change the background color of an element to Hex 42221B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42221B }
```

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

```
.background{ background-color:#42221B }
```

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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