

Converting Colors

Hex(2B2213)

Have a look what the booklet for
Hex(2B2213) contains.

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Color

Hex(2B2213)

Conversions

Conversions Part 1

Format	Color
Hex	2B2213
RGB	43, 34, 19
RGB Percent	17%, 13%, 7%
CMY	0.8314, 0.8667, 0.9255
CMYK	0.00, 0.21, 0.56, 0.83
HSL	37°, 39%, 12%
HSV	37°, 56%, 17%
XYZ	1.6858, 1.7047, 0.8563
YIQ	34.9810, 10.1790, -2.7570

Conversions

Conversions Part 2

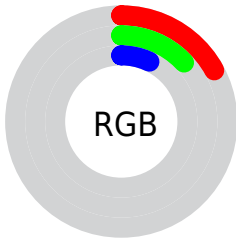
Format	Color
RYB	33, 43, 19
Decimal	2826771
CIELab	13.85, 1.71, 11.64
CIELCh	14, 11.764, 81.624
Yxy	1.7047, 0.3970, 0.4014
Android (android.graphics.Color)	4281016851 (0xFF2B2213)
YUV	34.9810, -7.8786, 7.0327
Hunter-Lab	13.0563, 0.1995, 5.2510

Details

The Hex color **2B2213** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **131C2B**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **594E3D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B200F**, and if you desaturate by 10%, it is **2B2417**.

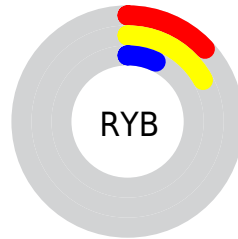
Distribution



Red (17%)

Green (13%)

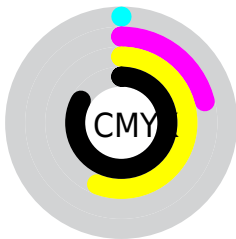
Blue (7%)



Red (13%)

Yellow (17%)

Blue (7%)

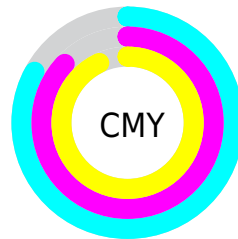


Cyan (0%)

Magenta (21%)

Yellow (56%)

Black (83%)



Cyan (83%)

Magenta (87%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B2213 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 2B2213 by changing the saturation by 10% instead.

■ 2B2213

■ 2B2213

■ FFFFF4

■ 160C00

■ 594E3D

■ 000000

■ 726655

■ 8C7F6D

■ A69986

■ C2B4A0

■ DECFBB

■ FAEBD7

■ 2B2213

■ 2B2213

■ 2B200F

■ 2B2417

■ 2B1F0A

■ 2B251C

■ 2B1D06

■ 2B2720

■ 2B1C02

■ 2B2824

■ 2B1B00

■ 2B2A29

■ 2B2C2D

■ 2B2D31

■ 2B2F35

■ 2B313A

Harmonies

Analogous

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



311F17



2B2213



232514

Triad

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



2B2213



072829



2B1F2E

Complementary

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



2B2213



131C2B

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.



212232



2B2213



092730

Square

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



2B2213



0F2821



142533



321D26

Rectangle

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



2B2213



1D2617



142533



282030

Sweetspot

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



2B2213



38352F



2B131C



1C1A16



9C9C9C



1C1C1C

Same Dimension

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



2B2213



382A13



282B13



141412



543500



D48400

Inverse Universe

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



131C2B



132138



16132B



121314



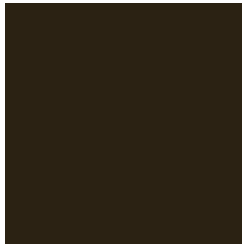
002054



004FD4

Previews

White Background



This preview shows how the Hex color 2B2213 looks on a white background.

Color Contrast Check

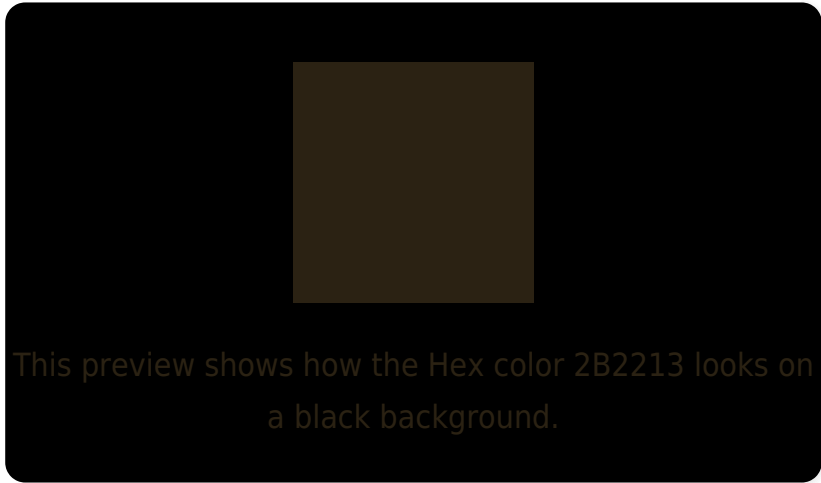
Large Text (above 18pt) WCAG AA ✓ Pass

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

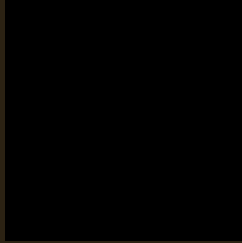
Any Text WCAG AA × Fail

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 2B2213 Background



This preview shows how black text looks on a background with the Hex color 2B2213.

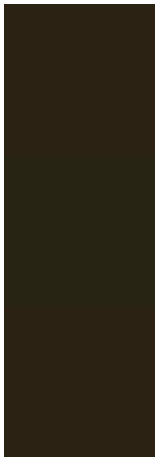


This preview shows how white text looks on a background with the Hex color 2B2213.

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

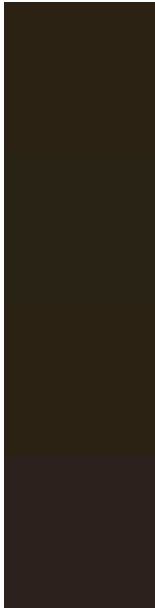


Original Color
2B2213

Protanopia
272414

Deuteranopia
2B2213

Trichromacy



Original Color
2B2213

Protanomaly
282314

Deuteranomaly
2B2213

Tritanomaly
2C211D

Monochromacy



Original Color
2B2213

Achromatopsia
232323

Achromatomaly
26231D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B2213 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 #2B2213 looks like.

```
.text, #text, p{  
    color:#2B2213  
}
```

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 #2B2213 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B2213
}
```

Border

The CSS property to change the border of an element to Hex 2B2213 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".

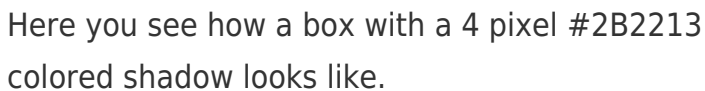
```
.border, #border, table{ border:4px solid
#2B2213 }
```

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

```
.border{ border-color:#2B2213 }
```

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

Here you see how a box with a 4 pixel #2B2213 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B2213; -webkit-box-shadow:4px 4px  
4px 4px #2B2213; box-shadow:4px 4px 4px  
4px #2B2213 }
```

Background

The CSS property to change the background color of an element to Hex 2B2213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B2213 }
```

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

```
.background{ background-color:#2B2213 }
```

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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