

Converting Colors

Hex(2B2302)

Have a look what the booklet for
Hex(2B2302) contains.

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Color

Hex(2B2302)

Conversions

Conversions Part 1

Format	Color
Hex	2B2302
RGB	43, 35, 2
RGB Percent	17%, 14%, 1%
CMY	0.8314, 0.8627, 0.9922
CMYK	0.00, 0.19, 0.95, 0.83
HSL	48°, 91%, 9%
HSV	48°, 95%, 17%
XYZ	1.6082, 1.7200, 0.3047
YIQ	33.6300, 15.3610, -8.5670

Conversions

Conversions Part 2

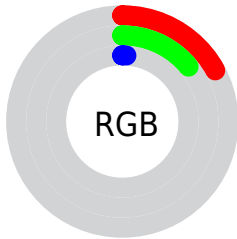
Format	Color
RYB	12, 43, 2
Decimal	2827010
CIELab	13.94, -0.70, 19.68
CIELCh	14, 19.695, 92.048
Yxy	1.7200, 0.4427, 0.4735
Android (android.graphics.Color)	4281017090 (0xFF2B2302)
YUV	33.6300, -15.5936, 8.2175
Hunter-Lab	13.1150, -1.0624, 7.8032

Details

The Hex color **2B2302** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **020A2B**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **594F30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2B2300**, and if you desaturate by 10%, it is **2B2406**.

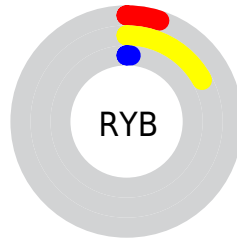
Distribution



Red (17%)

Green (14%)

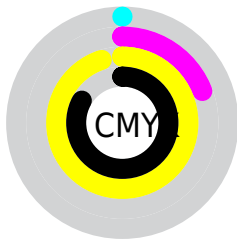
Blue (1%)



Red (5%)

Yellow (17%)

Blue (1%)

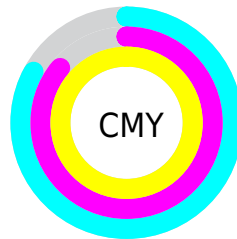


Cyan (0%)

Magenta (19%)

Yellow (95%)

Black (83%)



Cyan (83%)

Magenta (86%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B2302 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 2B2302 by changing the saturation by 10% instead.

 2B2302

 2B2302

 FFFFE4

 120E00

 594F30

 000000

 726747

 8C805F

 A79A78

 C3B592

 DFD0AC

 FCEDC8

 2B2302

 2B2302

■ 2B2300

■ 2B2406

■ 2B250B

■ 2B260F

■ 2B2613

■ 2B2717

■ 2B281C

■ 2B2920

■ 2B2A24

■ 2B2B29

Harmonies

Analogous

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



361E08



2B2302



1D2709

Triad

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



2B2302



002A32



351A31

Complementary

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



2B2302



020A2B

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.



251F3B



2B2302



00283C

Square

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



2B2302



002A24



09253F



3C1723

Rectangle

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



2B2302



112912



09253F



311C35

Sweetspot

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



2B2302



383528



2B020A



1C1A12



9C9C9C



1C1C1C

Same Dimension

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



2B2302



382D00



1F2B02



141412



544400



D4AA00

Inverse Universe

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



020A2B



000B38



0E022B



121314



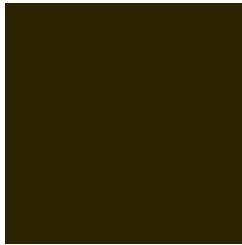
001054



0029D4

Previews

White Background



This preview shows how the Hex color 2B2302 looks on a white background.

Color Contrast Check

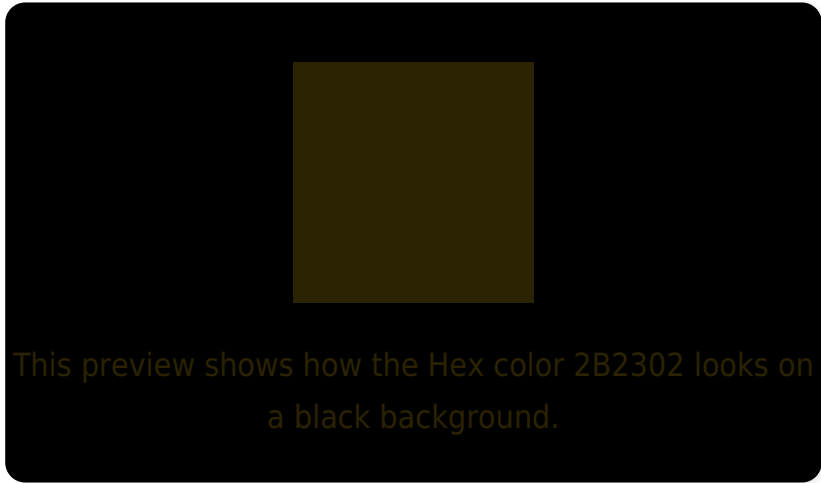
Large Text (above 18pt) WCAG AA ✓ Pass

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

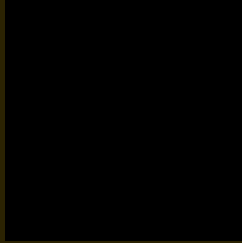
Any Text WCAG AA × Fail

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 2B2302 Background



This preview shows how black text looks on a background with the Hex color 2B2302.

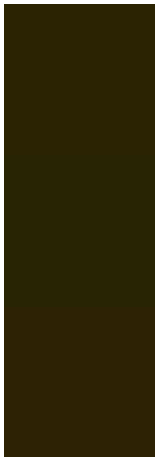


This preview shows how white text looks on a background with the Hex color 2B2302.

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
2B2302

Protanopia
282403

Deuteranopia
2D2204

Trichromacy



Original Color

2B2302

Protanomaly

292403

Deuteranomaly

2C2203

Tritanomaly

2C2217

Monochromacy



Original Color

2B2302

Achromatopsia

222222

Achromatomaly

252216

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B2302 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 #2B2302 looks like.

```
.text, #text, p{  
    color:#2B2302  
}
```

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 #2B2302 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B2302
}
```

Border

The CSS property to change the border of an element to Hex 2B2302 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".

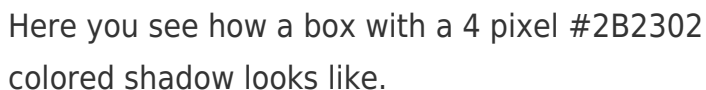
```
.border, #border, table{ border:4px solid
#2B2302 }
```

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

```
.border{ border-color:#2B2302 }
```

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

Here you see how a box with a 4 pixel #2B2302 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B2302; -webkit-box-shadow:4px 4px  
4px 4px #2B2302; box-shadow:4px 4px 4px  
4px #2B2302 }
```

Background

The CSS property to change the background color of an element to Hex 2B2302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B2302 }
```

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

```
.background{ background-color:#2B2302 }
```

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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