

Converting Colors

Hex(3B2213)

Have a look what the booklet for
Hex(3B2213) contains.

Hex(3B2213)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3B2213)

Conversions

Conversions Part 1

Format	Color
Hex	3B2213
RGB	59, 34, 19
RGB Percent	23%, 13%, 7%
CMY	0.7686, 0.8667, 0.9255
CMYK	0.00, 0.42, 0.68, 0.77
HSL	22°, 51%, 15%
HSV	22°, 68%, 23%
XYZ	2.4932, 2.1209, 0.8941
YIQ	39.7650, 19.7150, 0.6350

Conversions

Conversions Part 2

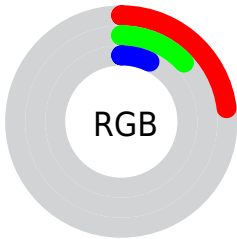
Format	Color
RYB	59, 43, 19
Decimal	3875347
CIELab	16.11, 10.16, 14.99
CIElCh	16, 18.106, 55.863
Yxy	2.1209, 0.4526, 0.3850
Android (android.graphics.Color)	4282065427 (0xFF3B2213)
YUV	39.7650, -10.2371, 16.8691
Hunter-Lab	14.5632, 5.0733, 6.5544

Details


The Hex color **3B2213** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **132C3B**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **6C4E3D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3B1E0D**, and if you desaturate by 10%, it is **3B2619**.

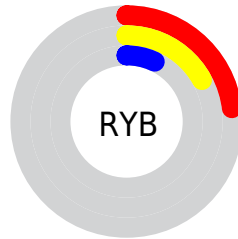
Distribution



 Red (23%)

 Green (13%)

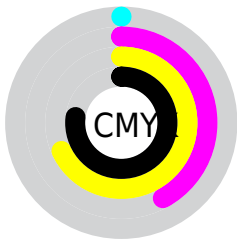
 Blue (7%)





 Red (23%)

 Yellow (17%)

 Blue (7%)

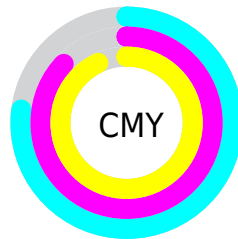



 Cyan (0%)

 Magenta (42%)

 Yellow (68%)

 Black (77%)



 Cyan (77%)

 Magenta (87%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B2213 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 3B2213 by changing the saturation by 10% instead.

 3B2213

 3B2213

 FFFFF4

 250D00

 6C4E3D

 000000

 866755

 A1806D

 BD9A86

 D9B4A1

 F6D0BC

 FFECD7

 3B2213

 3B2213

■ 3B1E0D

■ 3B2619

■ 3B1B07

■ 3B291F

■ 3B1701

■ 3B2D25

■ 3B1600

■ 3B312B

■ 3B3431

■ 3B3836

■ 3B3C3C

■ 3B3F42

■ 3B4348

Harmonies

Analogous

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



401E1D



3B2213



31270D

Triad

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



3B2213



002E26



26253F

Complementary

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



3B2213



132C3B

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.



0D2A42



3B2213



002E33

Square

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



3B2213



152D19



002D3D



362037

Rectangle

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



3B2213



29290E



002D3D



1F2741

Sweetspot

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



3B2213



4D433D



3B132C



26211D



A6A6A6



262626

Same Dimension

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



3B2213



4D260F



3B3613



1F1D1C



5E2300



DE5300

Inverse Universe

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



132C3B



0F354D



13183B



1C1D1F



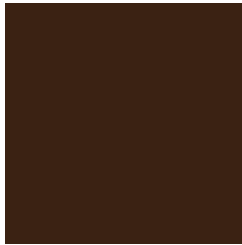
003B5E



008BDE

Previews

White Background



This preview shows how the Hex color 3B2213 looks on a white background.

Color Contrast Check

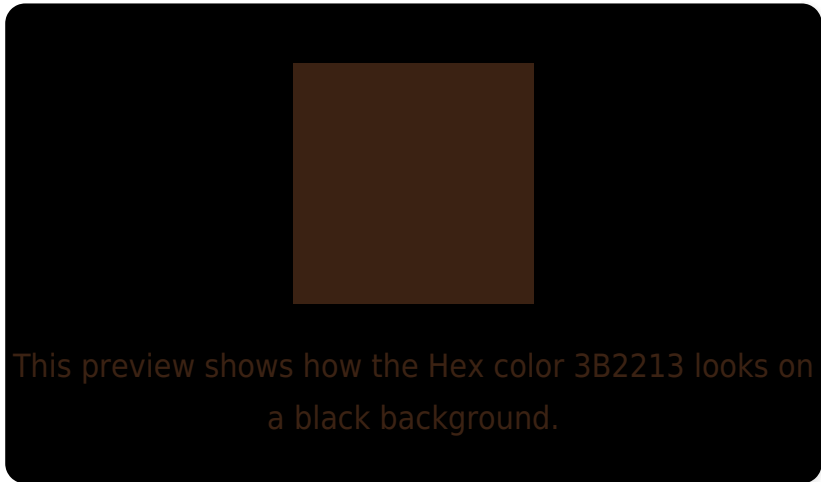
Large Text (above 18pt) WCAG AA ✓ Pass

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

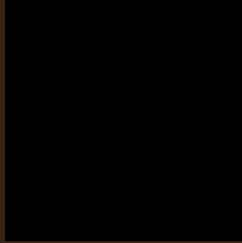
Any Text WCAG AA × Fail

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 3B2213 Background



This preview shows how black text looks on a background with the Hex color 3B2213.

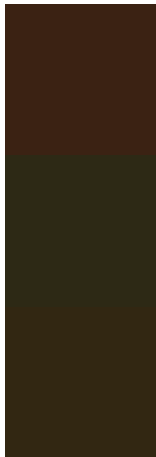


This preview shows how white text looks on a background with the Hex color 3B2213.

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

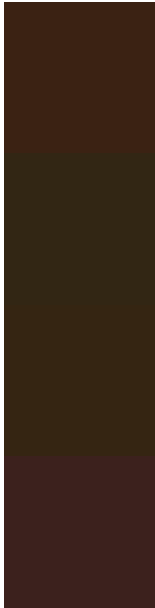


Original Color
3B2213

Protanopia
2D2915

Deuteranopia
322712

Trichromacy



Original Color
3B2213

Protanomaly
322614

Deuteranomaly
352512

Tritanomaly
3C211D

Monochromacy



Original Color
3B2213

Achromatopsia
282828

Achromatomaly
2F2620

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B2213 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 #3B2213 looks like.

```
.text, #text, p{  
    color:#3B2213  
}
```

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 #3B2213 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B2213
}
```

Border

The CSS property to change the border of an element to Hex 3B2213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

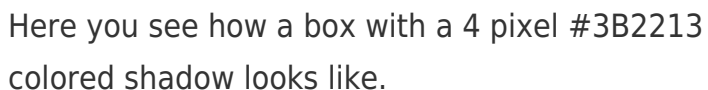
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B2213 }
```

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

```
.border{ border-color:#3B2213 }
```

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



Here you see how a box with a 4 pixel #3B2213 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B2213; -webkit-box-shadow:4px 4px  
4px 4px #3B2213; box-shadow:4px 4px 4px  
4px #3B2213 }
```

Background

The CSS property to change the background color of an element to Hex 3B2213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B2213 }
```

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

```
.background{ background-color:#3B2213 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor