

Converting Colors

Hex(3B3221)

Have a look what the booklet for
Hex(3B3221) contains.

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Color

Hex(3B3221)

Conversions

Conversions Part 1

Format	Color
Hex	3B3221
RGB	59, 50, 33
RGB Percent	23%, 20%, 13%
CMY	0.7686, 0.8039, 0.8706
CMYK	0.00, 0.15, 0.44, 0.77
HSL	39°, 28%, 18%
HSV	39°, 44%, 23%
XYZ	3.2187, 3.3208, 1.9102
YIQ	50.7530, 10.8210, -3.3790

Conversions

Conversions Part 2

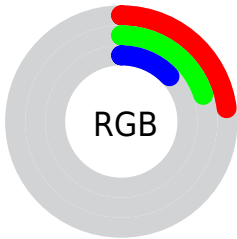
Format	Color
R_{YB}	47, 59, 33
Decimal	3879457
CIE _{Lab}	21.29, 1.05, 12.32
CIE _{LCh}	21, 12.362, 85.117
Yxy	3.3208, 0.3809, 0.3930
Android (android.graphics.Color)	4282069537 (0xFF3B3221)
YUV	50.7530, -8.7522, 7.2326
Hunter-Lab	18.2231, -0.3620, 6.5413

Details

The Hex color **3B3221** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **212A3B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **6B604D**, and **0A0400** is the 20% darker color. If you saturate the color by 10%, you get **3B301B**, and if you desaturate by 10%, it is **3B3427**.

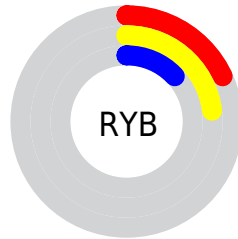
Distribution



Red (23%)

Green (20%)

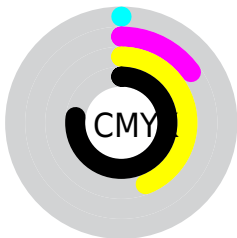
Blue (13%)



Red (18%)

Yellow (23%)

Blue (13%)

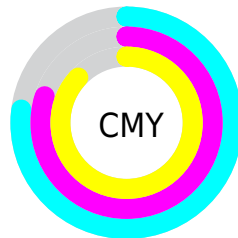


Cyan (0%)

Magenta (15%)

Yellow (44%)

Black (77%)



Cyan (77%)

Magenta (80%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B3221 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 3B3221 by changing the saturation by 10% instead.



3B3221



3B3221

FFFFFF



251D0B



6B604D



0A0400



847965



000000



9F937E



BAAD98



D6C8B3



F2E4CF



FFFFEB



3B3221



3B3221

■ 3B301B

■ 3B3427

■ 3B2E15

■ 3B362D

■ 3B2C0F

■ 3B3833

■ 3B2A09

■ 3B3A39

■ 3B2803

■ 3B3C3F

■ 3B2700

■ 3B3E44

■ 3B404A

■ 3B4250

■ 3B4456

Harmonies

Analogous

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



422F24



3B3221



323522

Triad

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



3B3221



17383A



3D2E3E

Complementary

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



3B3221



212A3B

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.



323144



3B3221



1A3742

Square

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



3B3221



1D3831



253445



442C35

Rectangle

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



3B3221



2B3626



253445



3A2F40

Sweetspot

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



3B3221



4D4943



3B212A



262420



A6A6A6



262626

Same Dimension

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



3B3221



4D3E24



373B21



1F1E1C



5E3E00



DE9100

Inverse Universe

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



212A3B



24324D



25213B



1C1D1F



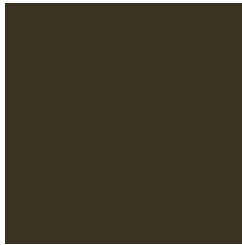
00215E



004DDE

Previews

White Background



This preview shows how the Hex color 3B3221 looks on a white background.

Color Contrast Check

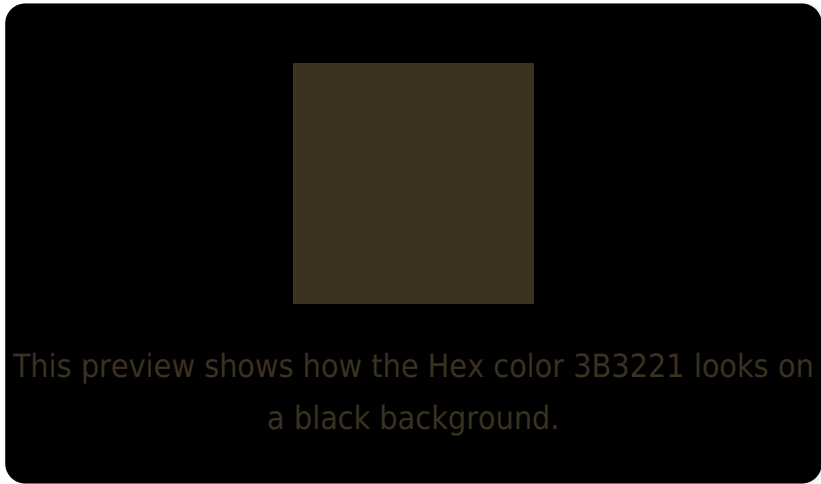
Large Text (above 18pt) WCAG AA ✓ Pass

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

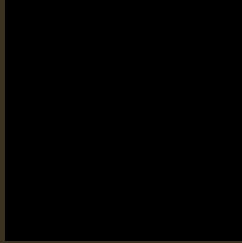
Any Text WCAG AA × Fail

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 3B3221 Background



This preview shows how black text looks on a background with the Hex color 3B3221.

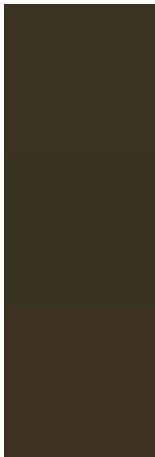


This preview shows how white text looks on a background with the Hex color 3B3221.

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
3B3221

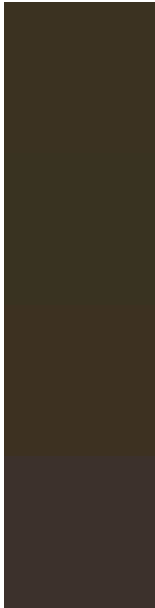
Protanopia
383321

Deuteranopia
3E3121



Tritanopia
3D3033

Trichromacy



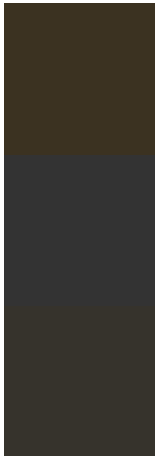
Original Color
3B3221

Protanomaly
393321

Deuteranomaly
3D3121

Tritanomaly
3C312C

Monochromacy



Original Color
3B3221

Achromatopsia
333333

Achromatomaly
36332C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B3221 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 #3B3221 looks like.

```
.text, #text, p{  
    color:#3B3221  
}
```

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 #3B3221 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3221
}
```

Border

The CSS property to change the border of an element to Hex 3B3221 is called "border". The border property can be set on classes, ids or directly on the HTML element.

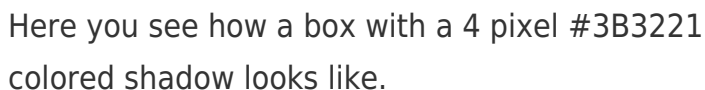
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B3221 }
```

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

```
.border{ border-color:#3B3221 }
```

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



Here you see how a box with a 4 pixel #3B3221 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3221; -webkit-box-shadow:4px 4px  
4px 4px #3B3221; box-shadow:4px 4px 4px  
4px #3B3221 }
```

Background

The CSS property to change the background color of an element to Hex 3B3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3221 }
```

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

```
.background{ background-color:#3B3221 }
```

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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