

Converting Colors

Hex(3B220A)

Have a look what the booklet for
Hex(3B220A) contains.

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Color

Hex(3B220A)

Conversions

Conversions Part 1

Format	Color
Hex	3B220A
RGB	59, 34, 10
RGB Percent	23%, 13%, 4%
CMY	0.7686, 0.8667, 0.9608
CMYK	0.00, 0.42, 0.83, 0.77
HSL	29°, 71%, 14%
HSV	29°, 83%, 23%
XYZ	2.4304, 2.0958, 0.5636
YIQ	38.7390, 22.6040, -2.1640

Conversions

Conversions Part 2

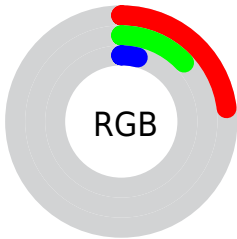
Format	Color
RYB	59, 57, 10
Decimal	3875338
CIELab	15.98, 9.45, 19.49
CIELCh	16, 21.665, 64.133
Yxy	2.0958, 0.4775, 0.4118
Android (android.graphics.Color)	4282065418 (0xFF3B220A)
YUV	38.7390, -14.1683, 17.7689
Hunter-Lab	14.4768, 4.6332, 7.8256

Details

The Hex color **3B220A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0A233B**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **6D4E36**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3B1F04**, and if you desaturate by 10%, it is **3B2510**.

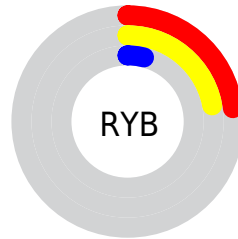
Distribution



Red (23%)

Green (13%)

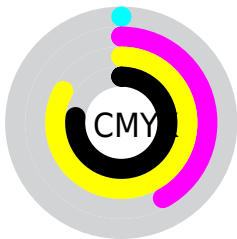
Blue (4%)



Red (23%)

Yellow (22%)

Blue (4%)

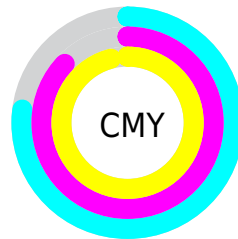


Cyan (0%)

Magenta (42%)

Yellow (83%)

Black (77%)



Cyan (77%)

Magenta (87%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B220A 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 3B220A by changing the saturation by 10% instead.

 3B220A

 3B220A

 FFFFEB

 240D00

 6D4E36

 000000

 87664D

 A27F65

 BD997E

 DAB498

 F7D0B3

 FFECCE

 3B220A

 3B220A

■ 3B1F04

■ 3B2510

■ 3B1D00

■ 3B2816

■ 3B2B1C

■ 3B2E22

■ 3B3127

■ 3B342D

■ 3B3733

■ 3B3A39

■ 3B3D3F

Harmonies

Analogous

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



431C17



3B220A



2F2804

Triad

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



3B220A



002F29



2B2341

Complementary

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



3B220A



0A233B

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.



0D2946



3B220A



002F39

Square

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



3B220A



072E1A



002D43



3C1D35

Rectangle

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



3B220A



242B08



002D43



232544

Sweetspot

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



3B220A



4D4339



3B0A23



26201B



A6A6A6



262626

Same Dimension

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



3B220A



4D2500



3B3A0A



1F1D1C



5E2E00



DE6D00

Inverse Universe

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



0A233B



00274D



0A0B3B



1C1D1F



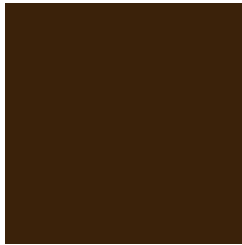
00305E



0071DE

Previews

White Background



This preview shows how the Hex color 3B220A 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

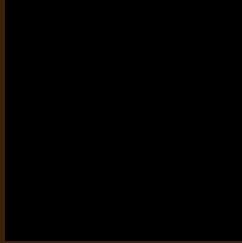
Any Text WCAG AA × Fail

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 3B220A Background



This preview shows how black text looks on a background with the Hex color 3B220A.

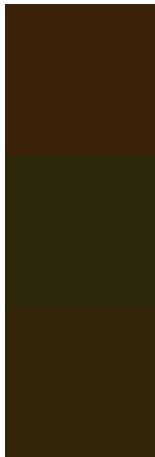


This preview shows how white text looks on a background with the Hex color 3B220A.

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

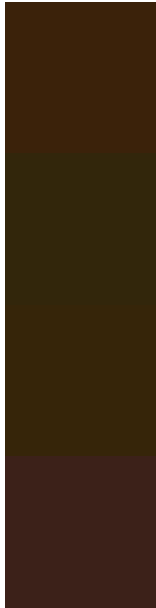


Original Color
3B220A

Protanopia
2D280C

Deuteranopia
332608

Trichromacy



Original Color
3B220A

Protanomaly
32260B

Deuteranomaly
362509

Tritanomaly
3C2119

Monochromacy



Original Color
3B220A

Achromatopsia
272727

Achromatomaly
2E251C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B220A 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 #3B220A looks like.

```
.text, #text, p{  
    color:#3B220A  
}
```

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 #3B220A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B220A
}
```

Border

The CSS property to change the border of an element to Hex 3B220A is called "border". The border property can be set on classes, ids or directly on the HTML element.

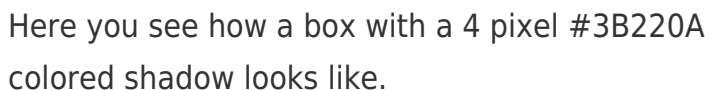
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B220A }
```

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

```
.border{ border-color:#3B220A }
```

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



Here you see how a box with a 4 pixel #3B220A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B220A; -webkit-box-shadow:4px 4px  
4px 4px #3B220A; box-shadow:4px 4px 4px  
4px #3B220A }
```

Background

The CSS property to change the background color of an element to Hex 3B220A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B220A }
```

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

```
.background{ background-color:#3B220A }
```

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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