

Converting Colors

Hex(3C200B)

Have a look what the booklet for
Hex(3C200B) contains.

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Color

Hex(3C200B)

Conversions

Conversions Part 1

Format	Color
Hex	3C200B
RGB	60, 32, 11
RGB Percent	24%, 13%, 4%
CMY	0.7647, 0.8745, 0.9569
CMYK	0.00, 0.47, 0.82, 0.76
HSL	26°, 69%, 14%
HSV	26°, 82%, 24%
XYZ	2.4404, 2.0178, 0.5775
YIQ	37.9780, 23.4290, -0.5950

Conversions

Conversions Part 2

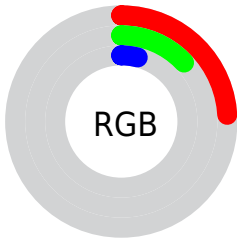
Format	Color
R_{YB}	60, 48, 11
Decimal	3940363
CIE _{Lab}	15.58, 11.38, 18.60
CIE _{LCh}	16, 21.810, 58.538
Yxy	2.0178, 0.4846, 0.4007
Android (android.graphics.Color)	4282130443 (0xFF3C200B)
YUV	37.9780, -13.3002, 19.3133
Hunter-Lab	14.2051, 5.8069, 7.5333

Details

The Hex color **3C200B** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0B273C**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **6E4C36**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3C1D05**, and if you desaturate by 10%, it is **3C2311**.

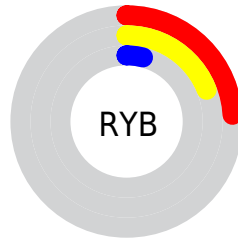
Distribution



 Red (24%)

 Green (13%)

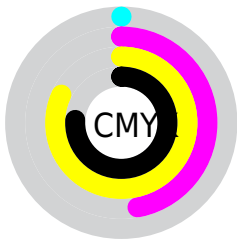
 Blue (4%)



 Red (24%)

 Yellow (19%)

 Blue (4%)

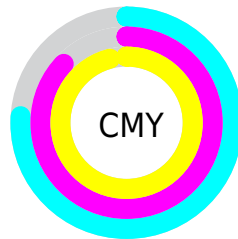


 Cyan (0%)

 Magenta (47%)

 Yellow (82%)

 Black (76%)



 Cyan (76%)

 Magenta (87%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C200B 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 3C200B by changing the saturation by 10% instead.

 3C200B

 3C200B

 FFFFEB

 250B00

 6E4C36

 000000

 88644D

 A37D66

 BF977F

 DBB299

 F8CDB3

 FFEACF

 3C200B

 3C200B

■ 3C1D05

■ 3C2311

■ 3C1A00

■ 3C2717

■ 3C2A1D

■ 3C2E23

■ 3C3129

■ 3C352F

■ 3C3835

■ 3C3B3B

■ 3C3F41

Harmonies

Analogous

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



431B19



3C200B



312602

Triad

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



3C200B



002E26



262342

Complementary

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



3C200B



0B273C

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.



012946



3C200B



002E35

Square

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



3C200B



0C2D16



002D41



391D37

Rectangle

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



3C200B



272905



002D41



1D2544

Sweetspot

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



3C200B



4F443B



3C0B28



29221D



A8A8A8



292929

Same Dimension

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



3C200B



4F2302



3C380B



1F1D1C



5E2800



DE5F00

Inverse Universe

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



0B273C



022E4F



0B0F3C



1C1D1F



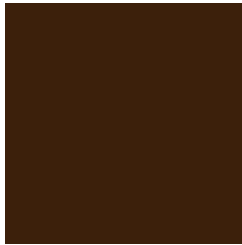
00365E



007FDE

Previews

White Background



This preview shows how the Hex color 3C200B 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

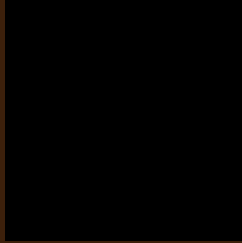
Any Text WCAG AA × Fail

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 3C200B Background



This preview shows how black text looks on a background with the Hex color 3C200B.

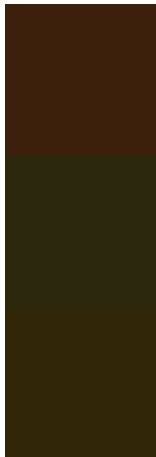


This preview shows how white text looks on a background with the Hex color 3C200B.

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
3C200B

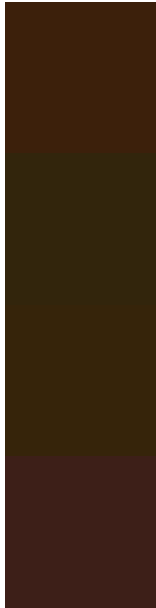
Protanopia
2C280D

Deuteranopia
322609



Tritanopia
3D1E20

Trichromacy



Original Color
3C200B

Protanomaly
32250C

Deuteranomaly
36240A

Tritanomaly
3D1F18

Monochromacy



Original Color
3C200B

Achromatopsia
262626

Achromatomaly
2E241C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C200B 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 #3C200B looks like.

```
.text, #text, p{  
    color:#3C200B  
}
```

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 #3C200B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C200B
}
```

Border

The CSS property to change the border of an element to Hex 3C200B is called "border". The border property can be set on classes, ids or directly on the HTML element.

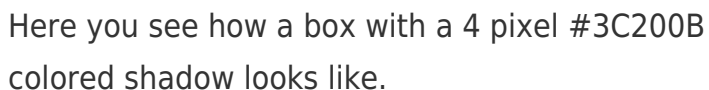
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C200B }
```

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

```
.border{ border-color:#3C200B }
```

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



Here you see how a box with a 4 pixel #3C200B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C200B; -webkit-box-shadow:4px 4px  
4px 4px #3C200B; box-shadow:4px 4px 4px  
4px #3C200B }
```

Background

The CSS property to change the background color of an element to Hex 3C200B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C200B }
```

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

```
.background{ background-color:#3C200B }
```

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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awesome pro features!

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