

Converting Colors

Hex(3C1E0A)

Have a look what the booklet for
Hex(3C1E0A) contains.

Hex(3C1E0A)	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(3C1E0A)

Conversions

Conversions Part 1

Format	Color
Hex	3C1E0A
RGB	60, 30, 10
RGB Percent	24%, 12%, 4%
CMY	0.7647, 0.8824, 0.9608
CMYK	0.00, 0.50, 0.83, 0.76
HSL	24°, 71%, 14%
HSV	24°, 83%, 24%
XYZ	2.3825, 1.9111, 0.5305
YIQ	36.6900, 24.3000, 0.1400

Conversions

Conversions Part 2

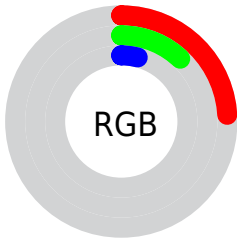
Format	Color
RYB	60, 43, 10
Decimal	3939850
CIELab	15.01, 12.65, 18.30
CIELCh	15, 22.246, 55.340
Yxy	1.9111, 0.4939, 0.3962
Android (android.graphics.Color)	4282129930 (0xFF3C1E0A)
YUV	36.6900, -13.1582, 20.4429
Hunter-Lab	13.8243, 6.5708, 7.4019

Details

The Hex color **3C1E0A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0A283C**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **6E4A36**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3C1A04**, and if you desaturate by 10%, it is **3C2210**.

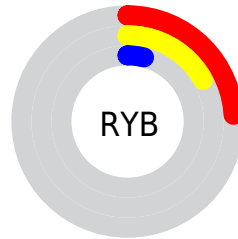
Distribution



 Red (24%)

 Green (12%)

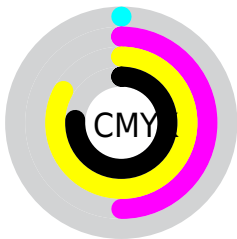
 Blue (4%)



 Red (24%)

 Yellow (17%)

 Blue (4%)

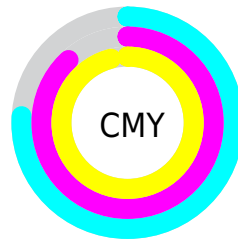


 Cyan (0%)

 Magenta (50%)

 Yellow (83%)

 Black (76%)



 Cyan (76%)

 Magenta (88%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C1E0A 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 3C1E0A by changing the saturation by 10% instead.

 3C1E0A

 3C1E0A

 FFFFEA

 250800

 6E4A36

 000000

 88624D

 A37B65

 BF957E

 DCB098

 F9CBB3

 FFE7CE

 3C1E0A

 3C1E0A

■ 3C1A04

■ 3C2210

■ 3C1800

■ 3C2516

■ 3C291C

■ 3C2C22

■ 3C3028

■ 3C342E

■ 3C3734

■ 3C3B3A

■ 3C3E40

Harmonies

Analogous

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



421919



3C1E0A



312400

Triad

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



3C1E0A



002D23



222342

Complementary

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



3C1E0A



0A283C

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.



002845



3C1E0A



002D33

Square

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



3C1E0A



0D2C13



002C3F



361C38

Rectangle

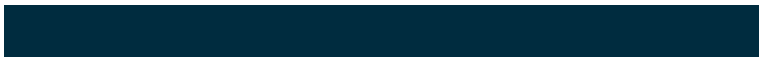
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3C1E0A



272701



002C3F



182544

Sweetspot

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



3C1E0A



4F433B



3C0A28



29211D



A8A8A8



292929

Same Dimension

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



3C1E0A



4F2000



3C370A



1F1D1C



5E2600



DE5900

Inverse Universe

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



0A283C



002F4F



0A0F3C



1C1D1F



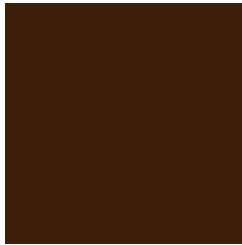
00395E



0085DE

Previews

White Background



This preview shows how the Hex color 3C1E0A 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

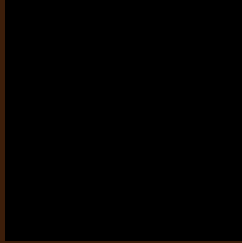
Any Text WCAG AA × Fail

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 3C1E0A Background



This preview shows how black text looks on a background with the Hex color 3C1E0A.



This preview shows how white text looks on a background with the Hex color 3C1E0A.

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
3C1E0A

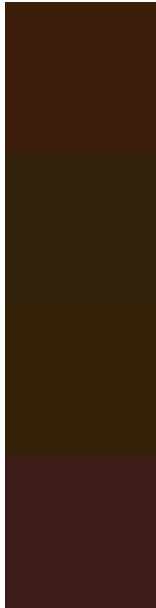
Protanopia
2B270C

Deuteranopia
312507



Tritanopia
3D1C1E

Trichromacy



Original Color
3C1E0A

Protanomaly
31240B

Deuteranomaly
352208

Tritanomaly
3D1D17

Monochromacy



Original Color
3C1E0A

Achromatopsia
252525

Achromatomaly
2D221B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C1E0A 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 #3C1E0A looks like.

```
.text, #text, p{  
    color:#3C1E0A  
}
```

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 #3C1E0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C1E0A
}
```

Border

The CSS property to change the border of an element to Hex 3C1E0A 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".

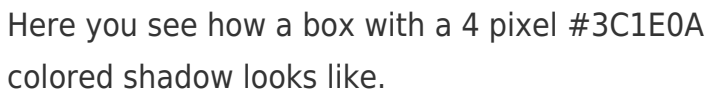
```
.border, #border, table{ border:4px solid
#3C1E0A }
```

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

```
.border{ border-color:#3C1E0A }
```

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

Here you see how a box with a 4 pixel #3C1E0A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C1E0A; -webkit-box-shadow:4px 4px  
4px 4px #3C1E0A; box-shadow:4px 4px 4px  
4px #3C1E0A }
```

Background

The CSS property to change the background color of an element to Hex 3C1E0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C1E0A }
```

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

```
.background{ background-color:#3C1E0A }
```

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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