

Converting Colors

Hex(3C2812)

Have a look what the booklet for
Hex(3C2812) contains.

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Color

Hex(3C2812)

Conversions

Conversions Part 1

Format	Color
Hex	3C2812
RGB	60, 40, 18
RGB Percent	24%, 16%, 7%
CMY	0.7647, 0.8431, 0.9294
CMYK	0.00, 0.33, 0.70, 0.76
HSL	31°, 54%, 15%
HSV	31°, 70%, 24%
XYZ	2.7315, 2.5219, 0.9151
YIQ	43.4720, 18.9820, -2.6020

Conversions

Conversions Part 2

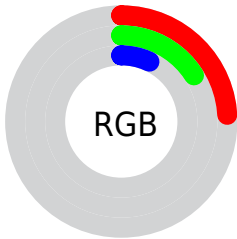
Format	Color
R_{YB}	56, 60, 18
Decimal	3942418
CIE _{Lab}	18.02, 6.52, 17.98
CIE _{LCh}	18, 19.123, 70.050
Yxy	2.5219, 0.4428, 0.4088
Android (android.graphics.Color)	4282132498 (0xFF3C2812)
YUV	43.4720, -12.5577, 14.4951
Hunter-Lab	15.8805, 2.9111, 7.6999

Details

The Hex color **3C2812** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **12263C**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **6D553D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3C250C**, and if you desaturate by 10%, it is **3C2B18**.

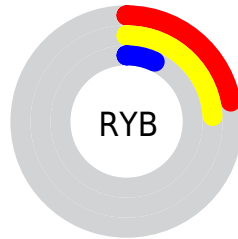
Distribution



Red (24%)

Green (16%)

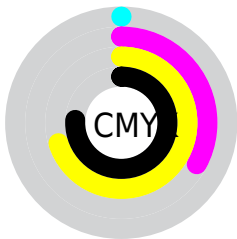
Blue (7%)



Red (22%)

Yellow (24%)

Blue (7%)

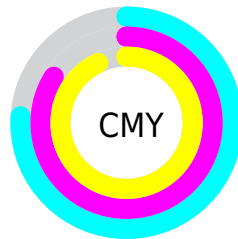


Cyan (0%)

Magenta (33%)

Yellow (70%)

Black (76%)



Cyan (76%)

Magenta (84%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C2812 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 3C2812 by changing the saturation by 10% instead.



3C2812



3C2812



FFFFFF3



261400



6D553D



000000



876D54



A2876C



BEA186



DABCA0



F6D7BB



FFF4D7



3C2812



3C2812

■ 3C250C

■ 3C2B18

■ 3C2206

■ 3C2E1E

■ 3C1F00

■ 3C3124

■ 3C332A

■ 3C3630

■ 3C3936

■ 3C3C3C

■ 3C3F42

■ 3C4248

Harmonies

Analogous

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



44231B



3C2812



302D10

Triad

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



3C2812



003330



332741

Complementary

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



3C2812



12263C

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.



1E2C47



3C2812



00323D

Square

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



3C2812



0D3222



003046



412236

Rectangle

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



3C2812



262F13



003046



2D2844

Sweetspot

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



3C2812



4F473E



3C1226



29241F



A8A8A8



292929

Same Dimension

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



3C2812



4F2F0D



3B3C12



1F1D1C



5E3100



DE7400

Inverse Universe

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



12263C



0D2C4F



13123C



1C1D1F



002D5E



006ADE

Previews

White Background



This preview shows how the Hex color 3C2812 looks on a white background.

Color Contrast Check

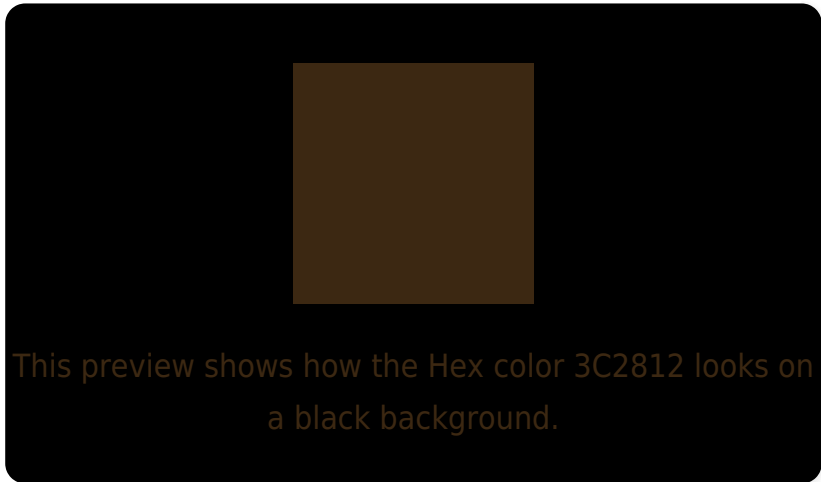
Large Text (above 18pt) WCAG AA ✓ Pass

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

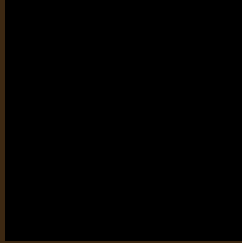
Any Text WCAG AA × Fail

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 3C2812 Background



This preview shows how black text looks on a background with the Hex color 3C2812.

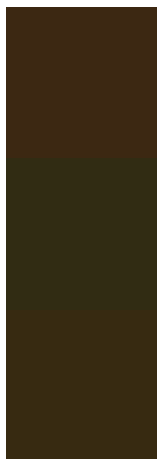


This preview shows how white text looks on a background with the Hex color 3C2812.

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
3C2812

Protanopia
312C13

Deuteranopia
372A11



Tritanopia
3D2628

Trichromacy



Original Color
3C2812

Protanomaly
352B13

Deuteranomaly
392911

Tritanomaly
3D2720

Monochromacy



Original Color
3C2812

Achromatopsia
2B2B2B

Achromatomaly
312A22

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C2812 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 #3C2812 looks like.

```
.text, #text, p{  
    color:#3C2812  
}
```

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 #3C2812 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C2812
}
```

Border

The CSS property to change the border of an element to Hex 3C2812 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
#3C2812 }
```

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

```
.border{ border-color:#3C2812 }
```

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

Here you see how a box with a 4 pixel #3C2812 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C2812; -webkit-box-shadow:4px 4px  
4px 4px #3C2812; box-shadow:4px 4px 4px  
4px #3C2812 }
```

Background

The CSS property to change the background color of an element to Hex 3C2812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C2812 }
```

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

```
.background{ background-color:#3C2812 }
```

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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