

Converting Colors

Hex(3C1200)

Have a look what the booklet for
Hex(3C1200) contains.

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Color

Hex(3C1200)

Conversions

Conversions Part 1

Format	Color
Hex	3C1200
RGB	60, 18, 0
RGB Percent	24%, 7%, 0%
CMY	0.7647, 0.9294, 1.0000
CMYK	0.00, 0.70, 1.00, 0.76
HSL	18°, 100%, 12%
HSV	18°, 100%, 24%
XYZ	2.0798, 1.3933, 0.1593
YIQ	28.5060, 30.8100, 3.3060

Conversions

Conversions Part 2

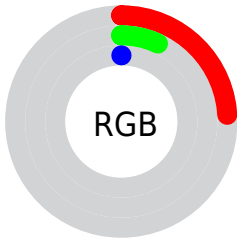
Format	Color
RYB	60, 26, 0
Decimal	3936768
CIELab	11.91, 19.54, 18.26
CIELCh	12, 26.742, 43.067
Yxy	1.3933, 0.5726, 0.3836
Android (android.graphics.Color)	4282126848 (0xFF3C1200)
YUV	28.5060, -14.0535, 27.6202
Hunter-Lab	11.8037, 10.7949, 7.4624

Details

The Hex color **3C1200** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002A3C**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **6F3E2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3C1200**, and if you desaturate by 10%, it is **3C1606**.

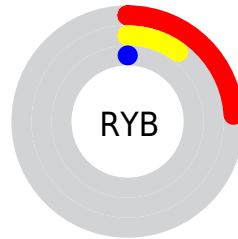
Distribution



Red (24%)

Green (7%)

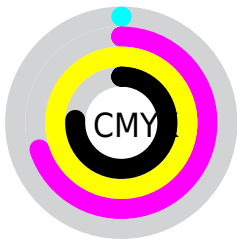
Blue (0%)



Red (24%)

Yellow (10%)

Blue (0%)

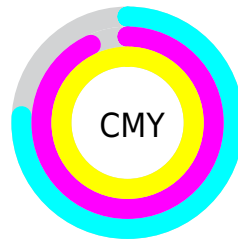


Cyan (0%)

Magenta (70%)

Yellow (100%)

Black (76%)



Cyan (76%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C1200 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 3C1200 by changing the saturation by 10% instead.

 3C1200

 3C1200

 FFF6E2

 250000

 6F3E2F

 000000

 8A5646

 A56F5E

 C18876

 DEA390

 FBBEAB

 FFDAC6

 3C1200

■ 3C1606

■ 3C1A0C

■ 3C1F12

■ 3C2318

■ 3C271E

■ 3C2B24

■ 3C2F2A

■ 3C3430

■ 3C3836

Harmonies

Analogous

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



400B18



3C1200



311B00

Triad

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



3C1200



002714



021F43

Complementary

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



3C1200



002A3C

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.



002443



3C1200



002827

Square

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



3C1200



0E2500



002738



2A163A

Rectangle

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



3C1200



271F00



002738



002144

Sweetspot

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



3C1200



4F3E37



3C002A



291F1A



A8A8A8



292929

Same Dimension

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



3C1200



4F1800



3C3000



1F1C1C



5E1C00



DE4300

Inverse Universe

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



002A3C



00374F



000C3C



1C1E1F



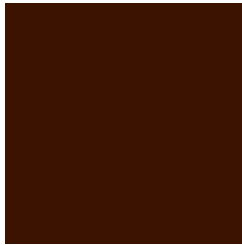
00425E



009BDE

Previews

White Background



This preview shows how the Hex color 3C1200 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

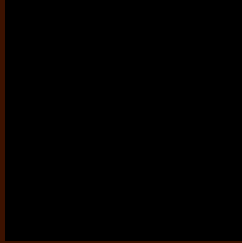
Any Text WCAG AA × Fail

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 3C1200 Background



This preview shows how black text looks on a background with the Hex color 3C1200.

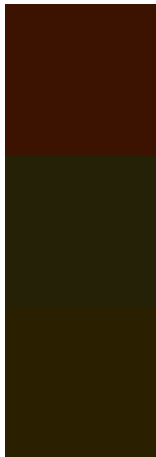


This preview shows how white text looks on a background with the Hex color 3C1200.

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
3C1200

Protanopia
252107

Deuteranopia
2A2000

Trichromacy



Original Color

3C1200

Protanomaly

2D1C04

Deuteranomaly

311B00

Tritanomaly

3C110B

Monochromacy



Original Color

3C1200

Achromatopsia

1D1D1D

Achromatomaly

281912

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C1200 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 #3C1200 looks like.

```
.text, #text, p{  
    color:#3C1200  
}
```

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 #3C1200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C1200
}
```

Border

The CSS property to change the border of an element to Hex 3C1200 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".

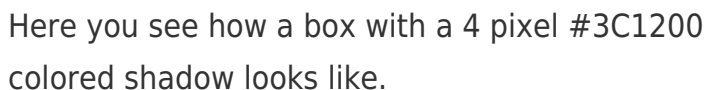
```
.border, #border, table{ border:4px solid
#3C1200 }
```

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

```
.border{ border-color:#3C1200 }
```

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

Here you see how a box with a 4 pixel #3C1200 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C1200; -webkit-box-shadow:4px 4px  
4px 4px #3C1200; box-shadow:4px 4px 4px  
4px #3C1200 }
```

Background

The CSS property to change the background color of an element to Hex 3C1200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C1200 }
```

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

```
.background{ background-color:#3C1200 }
```

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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