

Converting Colors

Hex(4C1300)

Have a look what the booklet for
Hex(4C1300) contains.

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Color

Hex(4C1300)

Conversions

Conversions Part 1

Format	Color
Hex	4C1300
RGB	76, 19, 0
RGB Percent	30%, 7%, 0%
CMY	0.7020, 0.9255, 1.0000
CMYK	0.00, 0.75, 1.00, 0.70
HSL	15°, 100%, 15%
HSV	15°, 100%, 30%
XYZ	3.2134, 2.0022, 0.2171
YIQ	33.8770, 40.0710, 6.1750

Conversions

Conversions Part 2

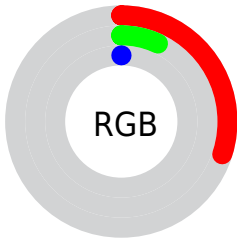
Format	Color
RYB	76, 25, 0
Decimal	4985600
CIELab	15.50, 25.90, 23.62
CIElCh	15, 35.054, 42.356
Yxy	2.0022, 0.5915, 0.3686
Android (android.graphics.Color)	4283175680 (0xFF4C1300)
YUV	33.8770, -16.7014, 36.9419
Hunter-Lab	14.1501, 15.7733, 8.9953

Details

The Hex color **4C1300** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **00394C**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **82412F**, and **100000** is the 20% darker color. If you saturate the color by 10%, you get **4C1300**, and if you desaturate by 10%, it is **4C1908**.

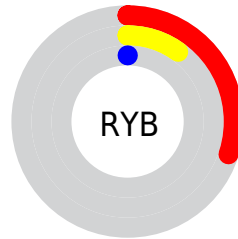
Distribution



Red (30%)

Green (7%)

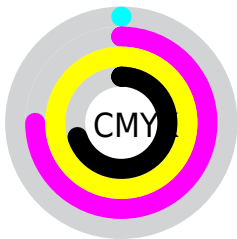
Blue (0%)



Red (30%)

Yellow (10%)

Blue (0%)

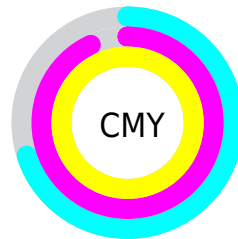


Cyan (0%)

Magenta (75%)

Yellow (100%)

Black (70%)



Cyan (70%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C1300 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 4C1300 by changing the saturation by 10% instead.

 4C1300

 4C1300

 FFFBE2

 320000

 82412F

 100000

 9E5A46

 000000

 BA735D

 D78C76

 F5A790

 FFC3AA

 FFDFC6

 4C1300

■ 4C1908

■ 4C1E0F

■ 4C2417

■ 4C2A1E

■ 4C3026

■ 4C352E

■ 4C3B35

■ 4C413D

■ 4C4644

Harmonies

Analogous

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



52061E



4C1300



3D2000

Triad

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



4C1300



003017



002658

Complementary

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



4C1300



00394C

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.



002E56



4C1300



003131

Square

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



4C1300



0C2E00



003148



341A4C

Rectangle

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



4C1300



2F2600



003148



002959

Sweetspot

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



4C1300



634D46



4C0039



332521



B3B3B3



333333

Same Dimension

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



4C1300



631900



4C3900



262322



661A00



E63900

Inverse Universe

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



00394C



004B63



00134C



222526



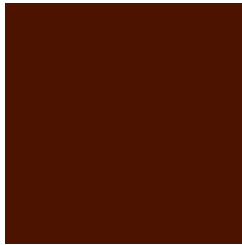
004D66



00ACE6

Previews

White Background



This preview shows how the Hex color 4C1300 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

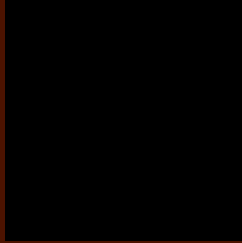
Any Text WCAG AA × Fail

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 4C1300 Background



This preview shows how black text looks on a background with the Hex color 4C1300.

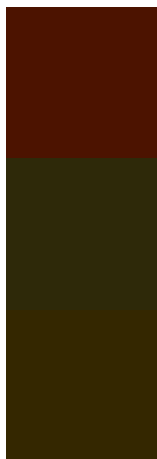


This preview shows how white text looks on a background with the Hex color 4C1300.

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
4C1300

Protanopia
2E2909

Deuteranopia
342700

Trichromacy



Original Color
4C1300

Protanomaly
392106

Deuteranomaly
3D2000

Tritanomaly
4C120B

Monochromacy



Original Color
4C1300

Achromatopsia
222222

Achromatomaly
311D16

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C1300 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 #4C1300 looks like.

```
.text, #text, p{  
    color:#4C1300  
}
```

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 #4C1300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C1300
}
```

Border

The CSS property to change the border of an element to Hex 4C1300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

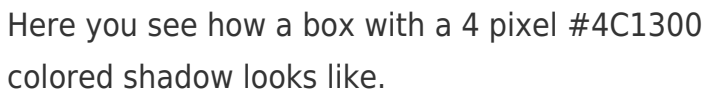
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C1300 }
```

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

```
.border{ border-color:#4C1300 }
```

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



Here you see how a box with a 4 pixel #4C1300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C1300; -webkit-box-shadow:4px 4px  
4px 4px #4C1300; box-shadow:4px 4px 4px  
4px #4C1300 }
```

Background

The CSS property to change the background color of an element to Hex 4C1300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C1300 }
```

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

```
.background{ background-color:#4C1300 }
```

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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