

Converting Colors

Hex(4C1D00)

Have a look what the booklet for
Hex(4C1D00) contains.

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Color

Hex(4C1D00)

Conversions

Conversions Part 1

Format	Color
Hex	4C1D00
RGB	76, 29, 0
RGB Percent	30%, 11%, 0%
CMY	0.7020, 0.8863, 1.0000
CMYK	0.00, 0.62, 1.00, 0.70
HSL	23°, 100%, 15%
HSV	23°, 100%, 30%
XYZ	3.4199, 2.4152, 0.2859
YIQ	39.7470, 37.3210, 0.9450

Conversions

Conversions Part 2

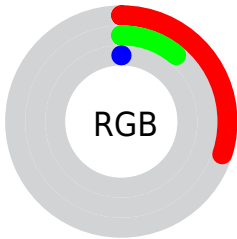
Format	Color
RYB	76, 47, 0
Decimal	4988160
CIELab	17.53, 20.54, 26.14
CIElCh	18, 33.239, 51.840
Yxy	2.4152, 0.5587, 0.3946
Android (android.graphics.Color)	4283178240 (0xFF4C1D00)
YUV	39.7470, -19.5953, 31.7939
Hunter-Lab	15.5410, 12.0828, 9.7878

Details

The Hex color **4C1D00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002F4C**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **814A2F**, and **160000** is the 20% darker color. If you saturate the color by 10%, you get **4C1D00**, and if you desaturate by 10%, it is **4C2208**.

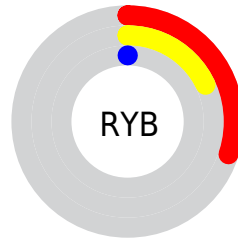
Distribution



Red (30%)

Green (11%)

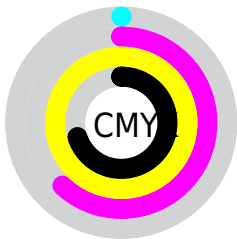
Blue (0%)



Red (30%)

Yellow (18%)

Blue (0%)

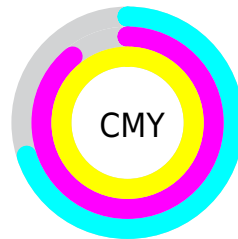


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (70%)



Cyan (70%)

Magenta (89%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C1D00 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 4C1D00 by changing the saturation by 10% instead.

 4C1D00

 4C1D00

 FFFFE2

 320700

 814A2F

 160000

 9D6346

 000000

 B97C5E

 D69677

 F4B090

 FFCCAB

 FFE8C6

 4C1D00

■ 4C2208

■ 4C260F

■ 4C2B17

■ 4C301E

■ 4C3526

■ 4C392E

■ 4C3E35

■ 4C433D

■ 4C4744

Harmonies

Analogous

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



54121B



4C1D00



3C2800

Triad

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



4C1D00



003523



1B2858

Complementary

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



4C1D00



002F4C

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.



00305B



4C1D00



00363C

Square

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



4C1D00



01330A



003450



411C49

Rectangle

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



4C1D00



2E2D00



003450



002B5A

Sweetspot

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



4C1D00



635146



4C0030



332821



B3B3B3



333333

Same Dimension

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



4C1D00



632600



4C4200



262422



662700



E65800

Inverse Universe

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



002F4C



003E63



000A4C



222526



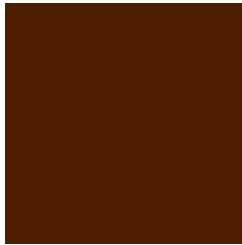
003F66



008EE6

Previews

White Background



This preview shows how the Hex color 4C1D00 looks on a white background.

Color Contrast Check

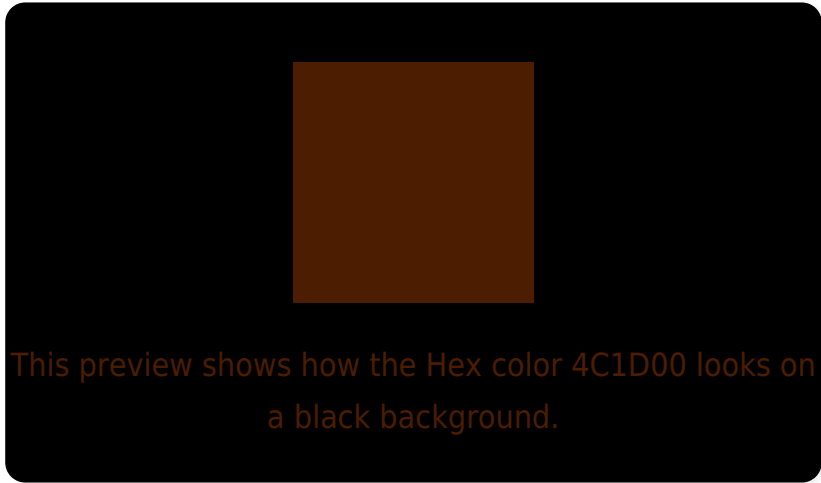
Large Text (above 18pt) WCAG AA ✓ Pass

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

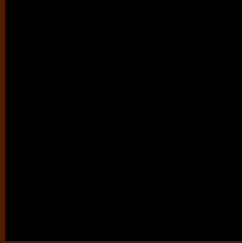
Any Text WCAG AA × Fail

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 4C1D00 Background



This preview shows how black text looks on a background with the Hex color 4C1D00.



This preview shows how white text looks on a background with the Hex color 4C1D00.

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
4C1D00

Protanopia
322D08

Deuteranopia
382A00



Tritanopia
4D1B1D

Trichromacy



Original Color
4C1D00

Protanomaly
3B2705

Deuteranomaly
3F2500

Tritanomaly
4D1C12

Monochromacy



Original Color
4C1D00

Achromatopsia
282828

Achromatomaly
352419

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C1D00 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 #4C1D00 looks like.

```
.text, #text, p{  
    color:#4C1D00  
}
```

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 #4C1D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C1D00
}
```

Border

The CSS property to change the border of an element to Hex 4C1D00 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
#4C1D00 }
```

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

```
.border{ border-color:#4C1D00 }
```

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

Here you see how a box with a 4 pixel #4C1D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C1D00; -webkit-box-shadow:4px 4px  
4px 4px #4C1D00; box-shadow:4px 4px 4px  
4px #4C1D00 }
```

Background

The CSS property to change the background color of an element to Hex 4C1D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C1D00 }
```

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

```
.background{ background-color:#4C1D00 }
```

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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