

Converting Colors

Hex(4D2A19)

Have a look what the booklet for
Hex(4D2A19) contains.

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Color

Hex(4D2A19)

Conversions

Conversions Part 1

Format	Color
Hex	4D2A19
RGB	77, 42, 25
RGB Percent	30%, 16%, 10%
CMY	0.6980, 0.8353, 0.9020
CMYK	0.00, 0.45, 0.68, 0.70
HSL	20°, 51%, 20%
HSV	20°, 68%, 30%
XYZ	4.0640, 3.3039, 1.3432
YIQ	50.5270, 26.3170, 2.1330

Conversions

Conversions Part 2

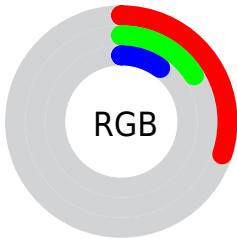
Format	Color
R_{YB}	77, 50, 25
Decimal	5057049
CIE Lab	21.22, 14.40, 17.96
CIE LCh	21, 23.023, 51.282
Yxy	3.3039, 0.4665, 0.3793
Android (android.graphics.Color)	4283247129 (0xFF4D2A19)
YUV	50.5270, -12.5848, 23.2168
Hunter-Lab	18.1766, 8.1006, 8.3422

Details

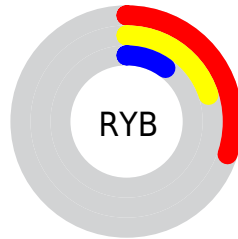
The Hex color **4D2A19** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **193C4D**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **815844**, and **1F0000** is the 20% darker color. If you saturate the color by 10%, you get **4D2511**, and if you desaturate by 10%, it is **4D2F21**.

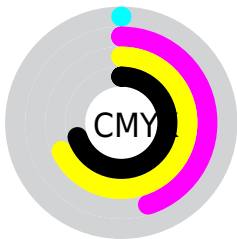
Distribution



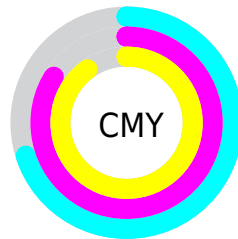
- Red (30%)
- Green (16%)
- Blue (10%)



- Red (30%)
- Yellow (20%)
- Blue (10%)



- Cyan (0%)
- Magenta (45%)
- Yellow (68%)
- Black (70%)



- Cyan (70%)
- Magenta (84%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D2A19 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 4D2A19 by changing the saturation by 10% instead.



4D2A19



4D2A19

FFFFFFD



351500



815844



1F0000



9C705C



000000



B78A75



D3A48E



F0BFA9



FFDBC4



FFF8E0



4D2A19



4D2A19

■ 4D2511

■ 4D2F21

■ 4D200A

■ 4D3428

■ 4D1A02

■ 4D3A30

■ 4D1900

■ 4D3F38

■ 4D443F

■ 4D4947

■ 4D4E4F

■ 4D5357

■ 4D595E

Harmonies

Analogous

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



532528



4D2A19



413010

Triad

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



4D2A19



003B2D



2C3053

Complementary

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



4D2A19



193C4D

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.



003654



4D2A19



003B3F

Square

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



4D2A19



1D391D



003A4D



432A48

Rectangle

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



4D2A19



373410



003A4D



213354

Sweetspot

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



4D2A19



635650



4D193D



332B27



B3B3B3



333333

Same Dimension

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



4D2A19



632D13



4D4319



262422



662100



E64B00

Inverse Universe

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



193C4D



134963



19234D



222526



004566



009AE6

Previews

White Background



This preview shows how the Hex color 4D2A19 looks on a white background.

Color Contrast Check

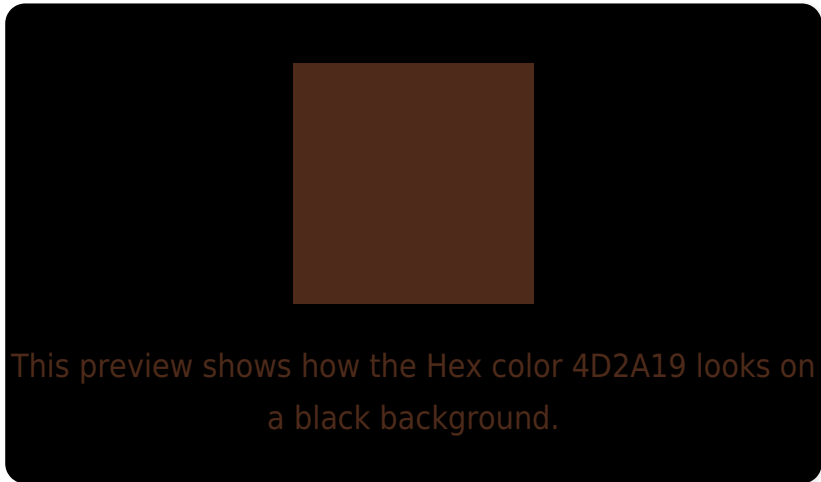
Large Text (above 18pt) WCAG AA ✓ Pass

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

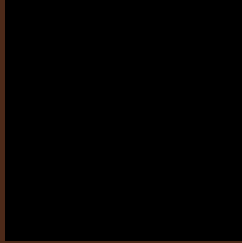
Any Text WCAG AA × Fail

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 4D2A19 Background



This preview shows how black text looks on a background with the Hex color 4D2A19.

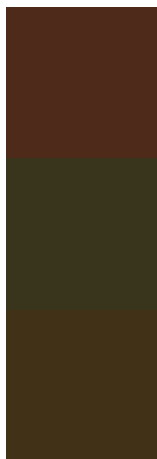


This preview shows how white text looks on a background with the Hex color 4D2A19.

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
4D2A19

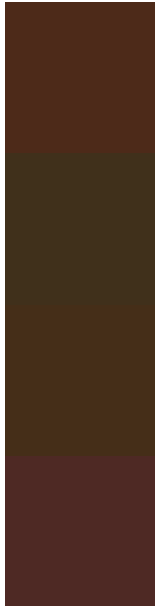
Protanopia
39341C

Deuteranopia
403117



Tritanopia
4E282B

Trichromacy



Original Color
4D2A19

Protanomaly
40301B

Deuteranomaly
452E18

Tritanomaly
4E2924

Monochromacy



Original Color
4D2A19

Achromatopsia
333333

Achromatomaly
3C302A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D2A19 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 #4D2A19 looks like.

```
.text, #text, p{  
    color:#4D2A19  
}
```

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 #4D2A19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D2A19
}
```

Border

The CSS property to change the border of an element to Hex 4D2A19 is called "border". The border property can be set on classes, ids or directly on the HTML element.

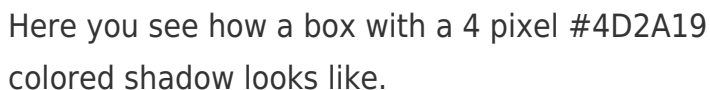
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D2A19 }
```

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

```
.border{ border-color:#4D2A19 }
```

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



Here you see how a box with a 4 pixel #4D2A19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D2A19; -webkit-box-shadow:4px 4px  
4px 4px #4D2A19; box-shadow:4px 4px 4px  
4px #4D2A19 }
```

Background

The CSS property to change the background color of an element to Hex 4D2A19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D2A19 }
```

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

```
.background{ background-color:#4D2A19 }
```

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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