

Converting Colors

Hex(4D3B18)

Have a look what the booklet for
Hex(4D3B18) contains.

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Color

Hex(4D3B18)

Conversions

Conversions Part 1

Format	Color
Hex	4D3B18
RGB	77, 59, 24
RGB Percent	30%, 23%, 9%
CMY	0.6980, 0.7686, 0.9059
CMYK	0.00, 0.23, 0.69, 0.70
HSL	40°, 52%, 20%
HSV	40°, 69%, 30%
XYZ	4.7894, 4.7717, 1.5327
YIQ	60.3920, 21.9630, -7.0690

Conversions

Conversions Part 2

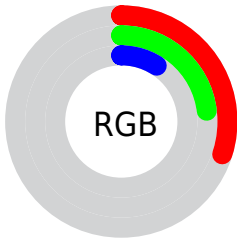
Format	Color
RYB	51, 77, 24
Decimal	5061400
CIELab	26.07, 3.33, 24.25
CIElCh	26, 24.477, 82.192
Yxy	4.7717, 0.4317, 0.4301
Android (android.graphics.Color)	4283251480 (0xFF4D3B18)
YUV	60.3920, -17.9413, 14.5652
Hunter-Lab	21.8441, 0.9095, 11.1307

Details

The Hex color **4D3B18** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **182A4D**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **806A45**, and **1E1100** is the 20% darker color. If you saturate the color by 10%, you get **4D3810**, and if you desaturate by 10%, it is **4D3E20**.

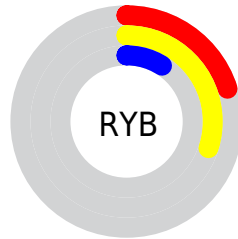
Distribution



 Red (30%)

 Green (23%)

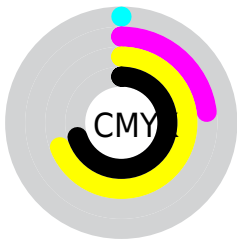
 Blue (9%)



 Red (20%)

 Yellow (30%)

 Blue (9%)

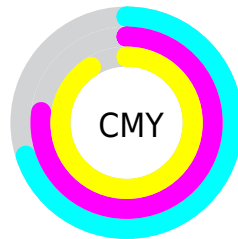


 Cyan (0%)

 Magenta (23%)

 Yellow (69%)

 Black (70%)



 Cyan (70%)

 Magenta (77%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D3B18 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 4D3B18 by changing the saturation by 10% instead.

 4D3B18

 4D3B18

FFFFFFE

 352500

 806A45

 1E1100

 9B835C

 000000

 B69D75

 D2B88F

 EFD4AA

 FFF0C5

 FFFFE1

 4D3B18

 4D3B18

■ 4D3810

■ 4D3E20

■ 4D3609

■ 4D4027

■ 4D3301

■ 4D432F

■ 4D3300

■ 4D4537

■ 4D483E

■ 4D4B46

■ 4D4D4E

■ 4D5056

■ 4D535D

Harmonies

Analogous

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



5A3421



4D3B18



3B411A

Triad

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



4D3B18



00474B



503455

Complementary

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



4D3B18



182A4D

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.



373B60



4D3B18



00455B

Square

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



4D3B18



004738



0D4162



5E2F43

Rectangle

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



4D3B18



2D4421



0D4162



493659

Sweetspot

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



4D3B18



635C4F



4D182B



332F26



B3B3B3



333333

Same Dimension

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



4D3B18



634711



454D18



262522



664300



E69800

Inverse Universe

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



182A4D



112D63



20184D



222426



002366



004EE6

Previews

White Background



This preview shows how the Hex color 4D3B18 looks on a white background.

Color Contrast Check

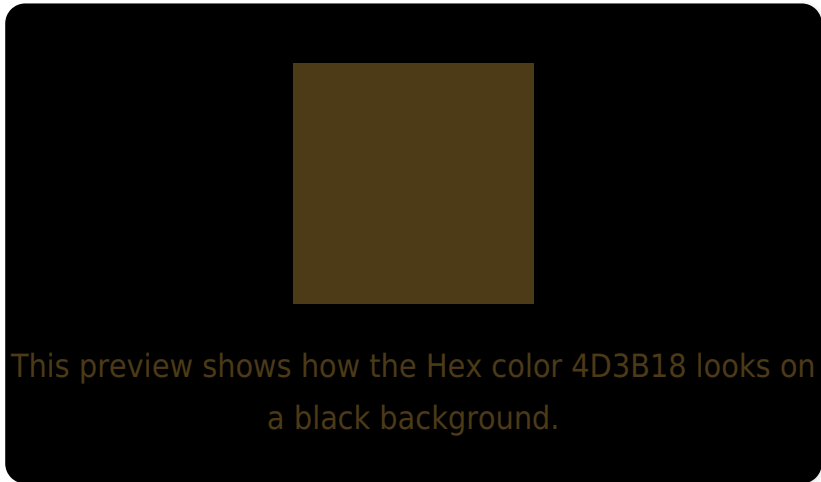
Large Text (above 18pt) WCAG AA ✓ Pass

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

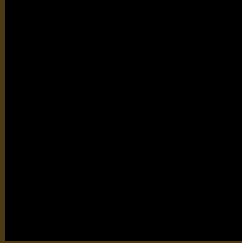
Any Text WCAG AA × Fail

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 4D3B18 Background



This preview shows how black text looks on a background with the Hex color 4D3B18.

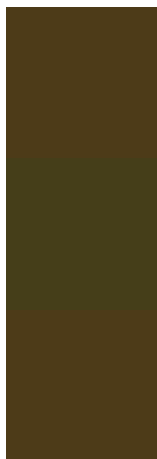


This preview shows how white text looks on a background with the Hex color 4D3B18.

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
4D3B18

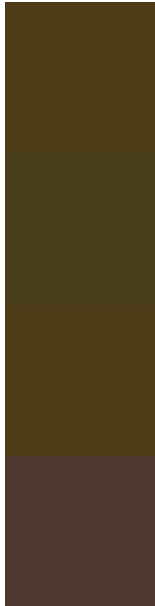
Protanopia
453E19

Deuteranopia
4D3B18



Tritanopia
50373C

Trichromacy



Original Color
4D3B18

Protanomaly
483D19

Deuteranomaly
4D3B18

Tritanomaly
4F382F

Monochromacy



Original Color
4D3B18

Achromatopsia
3C3C3C

Achromatomaly
423C2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D3B18 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 #4D3B18 looks like.

```
.text, #text, p{  
    color:#4D3B18  
}
```

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 #4D3B18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D3B18  
}
```

Border

The CSS property to change the border of an element to Hex 4D3B18 is called "border". The border property can be set on classes, ids or directly on the HTML element.

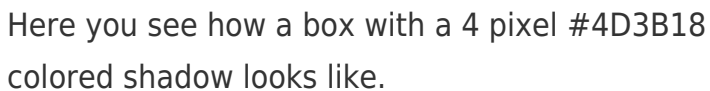
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4D3B18 }
```

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

```
.border{ border-color:#4D3B18 }
```

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



Here you see how a box with a 4 pixel #4D3B18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D3B18; -webkit-box-shadow:4px 4px  
4px 4px #4D3B18; box-shadow:4px 4px 4px  
4px #4D3B18 }
```

Background

The CSS property to change the background color of an element to Hex 4D3B18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D3B18 }
```

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

```
.background{ background-color:#4D3B18 }
```

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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