

Converting Colors

Hex(4D3D23)

Have a look what the booklet for
Hex(4D3D23) contains.

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Color

Hex(4D3D23)

Conversions

Conversions Part 1

Format	Color
Hex	4D3D23
RGB	77, 61, 35
RGB Percent	30%, 24%, 14%
CMY	0.6980, 0.7608, 0.8627
CMYK	0.00, 0.21, 0.55, 0.70
HSL	37°, 37%, 22%
HSV	37°, 55%, 30%
XYZ	5.0327, 5.0366, 2.2970
YIQ	62.8200, 17.8820, -4.6940

Conversions

Conversions Part 2

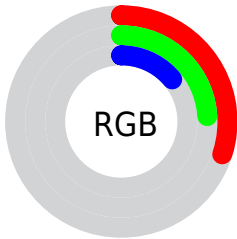
Format	Color
RYB	61, 77, 35
Decimal	5061923
CIELab	26.84, 3.10, 18.60
CIElCh	27, 18.855, 80.523
Yxy	5.0366, 0.4070, 0.4073
Android (android.graphics.Color)	4283252003 (0xFF4D3D23)
YUV	62.8200, -13.7153, 12.4359
Hunter-Lab	22.4424, 0.7542, 9.6412

Details

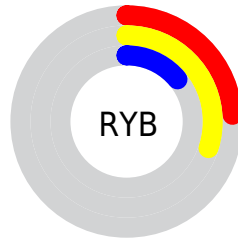
The Hex color **4D3D23** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **23334D**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **7F6C50**, and **201300** is the 20% darker color. If you saturate the color by 10%, you get **4D3A1B**, and if you desaturate by 10%, it is **4D402B**.

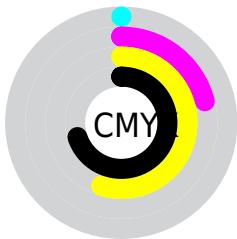
Distribution



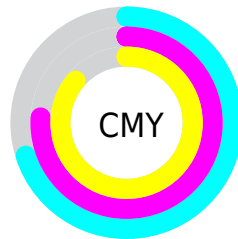
- Red (30%)
- Green (24%)
- Blue (14%)



- Red (24%)
- Yellow (30%)
- Blue (14%)



- Cyan (0%)
- Magenta (21%)
- Yellow (55%)
- Black (70%)



- Cyan (70%)
- Magenta (76%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D3D23 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 4D3D23 by changing the saturation by 10% instead.



4D3D23



4D3D23

FFFFFF



35270E



7F6C50



201300



9A8668



000000



B5A081



D1BB9C



EDD6B7



FFF3D2



FFFFEF



4D3D23



4D3D23

■ 4D3A1B

■ 4D402B

■ 4D3714

■ 4D4332

■ 4D340C

■ 4D463A

■ 4D3104

■ 4D4942

■ 4D3000

■ 4D4C4A

■ 4D4F51

■ 4D5259

■ 4D5461

■ 4D5768

Harmonies

Analogous

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



57382A



4D3D23



3F4224

Triad

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



4D3D23



064749



4D3852

Complementary

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



4D3D23



23334D

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.



3A3D5A



4D3D23



084655

Square

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



4D3D23



1C473A



22425C



583545

Rectangle

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



4D3D23



344429



22425C



483A55

Sweetspot

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



4D3D23



635D54



4D2333



332F29



B3B3B3



333333

Same Dimension

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



4D3D23



634B23



484D23



262522



663F00



E68E00

Inverse Universe

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



23334D



233B63



28234D



222426



002766



0057E6

Previews

White Background



This preview shows how the Hex color 4D3D23 looks on a white background.

Color Contrast Check

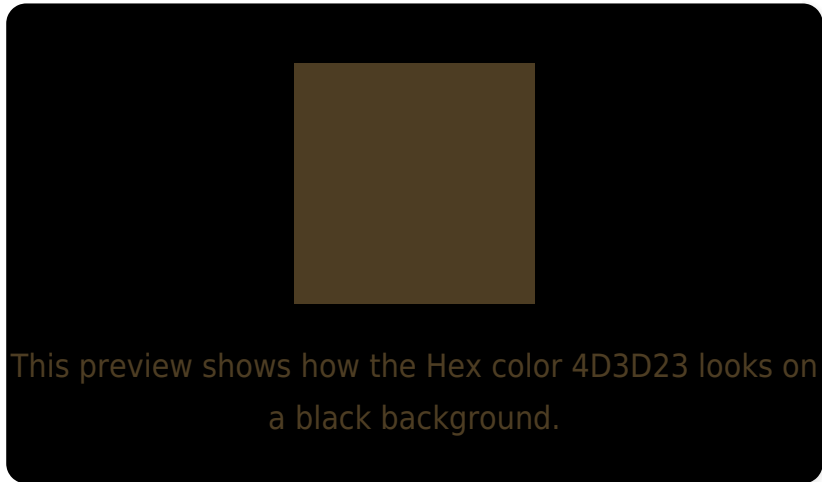
Large Text (above 18pt) WCAG AA ✓ Pass

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

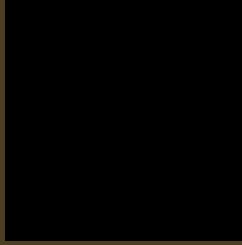
Any Text WCAG AA × Fail

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 4D3D23 Background



This preview shows how black text looks on a background with the Hex color 4D3D23.

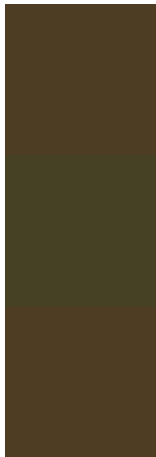


This preview shows how white text looks on a background with the Hex color 4D3D23.

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
4D3D23

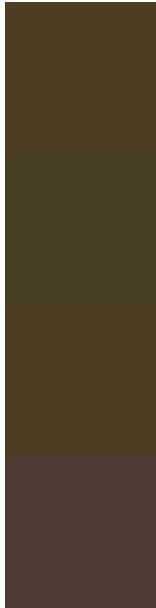
Protanopia
464024

Deuteranopia
4E3D23



Tritanopia
4F3A3E

Trichromacy



Original Color
4D3D23

Protanomaly
493F24

Deuteranomaly
4E3D23

Tritanomaly
4E3B34

Monochromacy



Original Color
4D3D23

Achromatopsia
3F3F3F

Achromatomaly
443E35

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D3D23 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 #4D3D23 looks like.

```
.text, #text, p{  
    color:#4D3D23  
}
```

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 #4D3D23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D3D23
}
```

Border

The CSS property to change the border of an element to Hex 4D3D23 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".

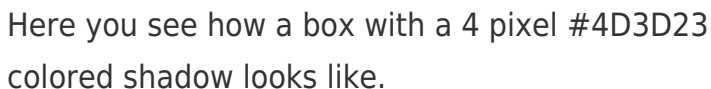
```
.border, #border, table{ border:4px solid
#4D3D23 }
```

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

```
.border{ border-color:#4D3D23 }
```

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

Here you see how a box with a 4 pixel #4D3D23 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D3D23; -webkit-box-shadow:4px 4px  
4px 4px #4D3D23; box-shadow:4px 4px 4px  
4px #4D3D23 }
```

Background

The CSS property to change the background color of an element to Hex 4D3D23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D3D23 }
```

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

```
.background{ background-color:#4D3D23 }
```

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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