

Converting Colors

Hex(4D2503)

Have a look what the booklet for
Hex(4D2503) contains.

Hex(4D2503)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4D2503)

Conversions

Conversions Part 1

Format	Color
Hex	4D2503
RGB	77, 37, 3
RGB Percent	30%, 15%, 1%
CMY	0.6980, 0.8549, 0.9882
CMYK	0.00, 0.52, 0.96, 0.70
HSL	28°, 92%, 16%
HSV	28°, 96%, 30%
XYZ	3.7386, 2.9075, 0.4503
YIQ	45.0840, 34.7540, -2.0940

Conversions

Conversions Part 2

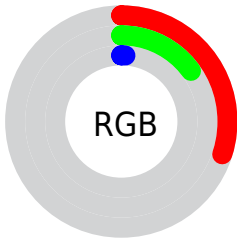
Format	Color
RYB	77, 66, 3
Decimal	5055747
CIELab	19.67, 16.30, 27.47
CIELCh	20, 31.941, 59.326
Yxy	2.9075, 0.5268, 0.4097
Android (android.graphics.Color)	4283245827 (0xFF4D2503)
YUV	45.0840, -20.7474, 27.9903
Hunter-Lab	17.0514, 9.2969, 10.3702

Details

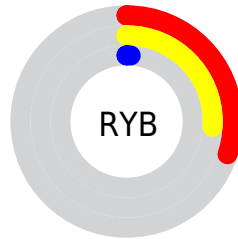
The Hex color **4D2503** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **032B4D**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **825231**, and **1C0001** is the 20% darker color. If you saturate the color by 10%, you get **4D2300**, and if you desaturate by 10%, it is **4D290B**.

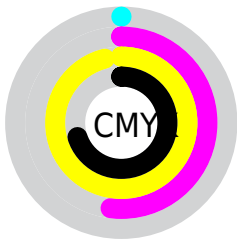
Distribution



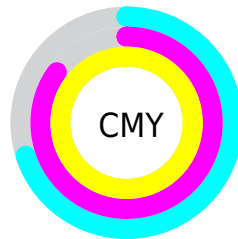
- Red (30%)
- Green (15%)
- Blue (1%)



- Red (30%)
- Yellow (26%)
- Blue (1%)



- Cyan (0%)
- Magenta (52%)
- Yellow (96%)
- Black (70%)



- Cyan (70%)
- Magenta (85%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D2503 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 4D2503 by changing the saturation by 10% instead.

 4D2503

 4D2503

 FFFFE6

 341000

 825231

 1C0001

 9D6B48

 000000

 BA8460

 D69E79

 F4B993

 FFD5AE

 FFF1C9

 4D2503

 4D2503

■ 4D2300

■ 4D290B

■ 4D2D12

■ 4D311A

■ 4D3622

■ 4D3A2A

■ 4D3E31

■ 4D4239

■ 4D4641

■ 4D4A48

Harmonies

Analogous

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



571B1A



4D2503



3C2E00

Triad

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



4D2503



003A2E



2D2A58

Complementary

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



4D2503



032B4D

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.



00335E



4D2503



003A46

Square

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



4D2503



003816



003858



4B1F48

Rectangle

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



4D2503



2D3300



003858



1D2D5C

Sweetspot

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



4D2503



635447



4D032C



332921



B3B3B3



333333

Same Dimension

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



4D2503



632E00



4D4903



262422



662F00



E66900

Inverse Universe

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



032B4D



003663



03074D



222426



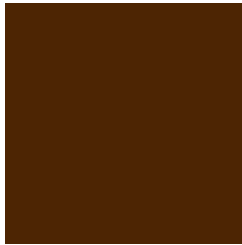
003766



007CE6

Previews

White Background



This preview shows how the Hex color 4D2503 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

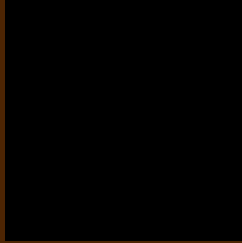
Any Text WCAG AA × Fail

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 4D2503 Background



This preview shows how black text looks on a background with the Hex color 4D2503.



This preview shows how white text looks on a background with the Hex color 4D2503.

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
4D2503

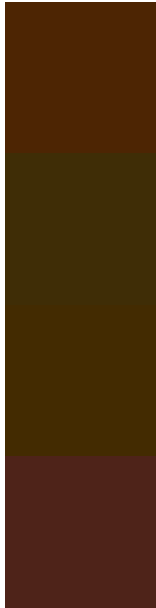
Protanopia
373108

Deuteranopia
3D2E00



Tritanopia
4E2225

Trichromacy



Original Color
4D2503

Protanomaly
3F2D06

Deuteranomaly
432B01

Tritanomaly
4E2319

Monochromacy



Original Color
4D2503

Achromatopsia
2D2D2D

Achromatomaly
392A1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D2503 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 #4D2503 looks like.

```
.text, #text, p{  
    color:#4D2503  
}
```

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 #4D2503 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D2503  
}
```

Border

The CSS property to change the border of an element to Hex 4D2503 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".

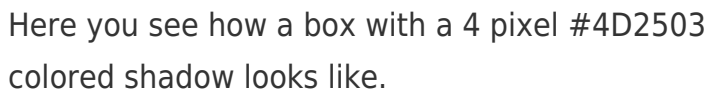
```
.border, #border, table{ border:4px solid  
#4D2503 }
```

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

```
.border{ border-color:#4D2503 }
```

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

Here you see how a box with a 4 pixel #4D2503 colored shadow looks like.

A rectangular box with a dark brown border and a dark brown shadow. The shadow is cast to the right and bottom of the box, giving it a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #4D2503 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D2503; -webkit-box-shadow:4px 4px  
4px 4px #4D2503; box-shadow:4px 4px 4px  
4px #4D2503 }
```

Background

The CSS property to change the background color of an element to Hex 4D2503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D2503 }
```

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

```
.background{ background-color:#4D2503 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor