

# Converting Colors

Hex(CD2503)

Have a look what the booklet for  
Hex(CD2503) contains.

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# Color

**Hex(CD2503)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD2503
RGB	205, 37, 3
RGB Percent	80%, 15%, 1%
CMY	0.1961, 0.8549, 0.9882
CMYK	0.00, 0.82, 0.99, 0.20
HSL	10°, 97%, 41%
HSV	10°, 99%, 80%
XYZ	25.8548, 14.3088, 1.4853
YIQ	83.3560, 111.0420, 25.0420

# Conversions

## Conversions Part 2

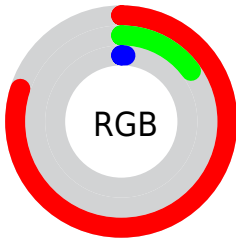
Format	Color
<a href="#">RYB</a>	<a href="#">205, 44, 3</a>
Decimal	<a href="#">13444355</a>
CIELab	<a href="#">44.67, 62.45, 56.82</a>
CIELCh	<a href="#">45, 84.430, 42.298</a>
Yxy	<a href="#">14.3088, 0.6208, 0.3436</a>
Android (android.graphics.Color)	<a href="#">4291634435</a> ( <a href="#">0xFFCD2503</a> )
YUV	<a href="#">83.3560, -39.6155, 106.6818</a>
Hunter-Lab	<a href="#">37.8270, 55.8077, 24.1508</a>

# Details

The Hex color **CD2503** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **03ABCD**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF6339**, and **8D0000** is the 20% darker color. If you saturate the color by 10%, you get **CD2300**, and if you desaturate by 10%, it is **CD3617**.

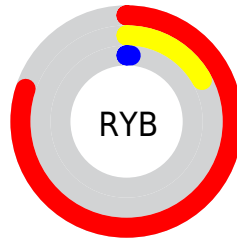
# Distribution



Red (80%)

Green (15%)

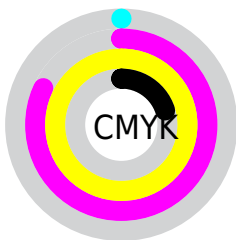
Blue (1%)



Red (80%)

Yellow (17%)

Blue (1%)

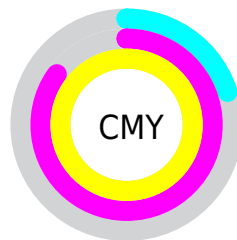


Cyan (0%)

Magenta (82%)

Yellow (99%)

Black (20%)



Cyan (20%)

Magenta (85%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD2503 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 CD2503 by changing the saturation by 10% instead.



 CD2503

 CD2503

 FFFFF4

 AD0000

 FF6339

 8D0000

 FF8052

 6D0000

 FF9C6B

 4F0001

 FFB985

 320002

 FFD6A0

 000000

 FFF4BC

 FFFF80

 CD2503

 CD2503

■ CD2300

■ CD3617

■ CD472C

■ CD5841

■ CD6955

■ CD7A69

■ CD8B7E

■ CD9C93

■ CDADA7

■ CDBEBB

# Harmonies

## Analogous

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



DF0051



CD2503



A25600

# Triad

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



CD2503



00833B



006AF6

# Complementary

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



CD2503



03ABCD

# 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.



007EF2



CD2503



008686

# Square

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



CD2503



007D00



0085C8



8B44D4

# Rectangle

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



CD2503



7D6900



0085C8



0072F9



# Sweetspot

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



CD2503



FFBFB3



CD03AB



805952



000000



808080



# Same Dimension

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



CD2503



FF2B00



CD8A03



665E5C



A61C00



260600



# Inverse Universe

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



03ABCD



00D4FF



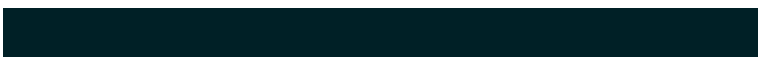
0346CD



5C6466



008AA6



002026



# Previews

## White Background



This preview shows how the Hex color CD2503 looks on a white background.

## Color Contrast Check

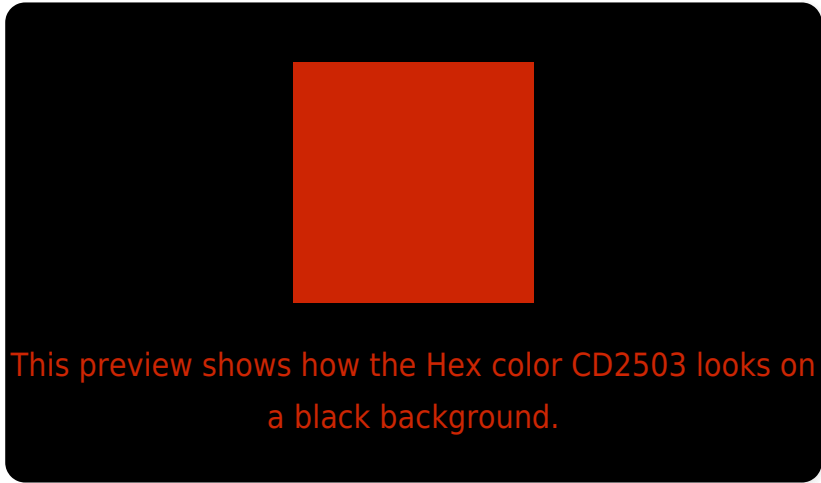
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 CD2503 Background



This preview shows how black text looks on a background with the Hex color CD2503.



This preview shows how white text looks on a background with the Hex color CD2503.

# 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



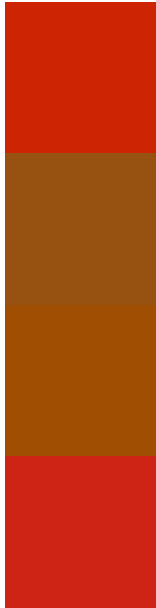
**Original Color**  
CD2503

**Protanopia**  
786B19

**Deuteranopia**  
876500



# Trichromacy



**Original Color**  
CD2503

**Protanomaly**  
975211

**Deuteranomaly**  
A04E01

**Tritanomaly**  
CD2416

# Monochromacy



**Original Color**  
CD2503

**Achromatopsia**  
535353

**Achromatomaly**  
7F4236

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD2503 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 #CD2503 looks like.

```
.text, #text, p{  
    color:#CD2503  
}
```

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 #CD2503 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD2503
}
```

## Border

The CSS property to change the border of an element to Hex CD2503 is called "border". The border property can be set on classes, ids or directly on the HTML element.

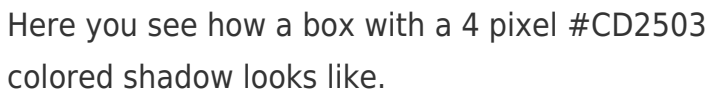
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CD2503 }
```

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

```
.border{ border-color:#CD2503 }
```

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



Here you see how a box with a 4 pixel #CD2503 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD2503; -webkit-box-shadow:4px 4px  
4px 4px #CD2503; box-shadow:4px 4px 4px  
4px #CD2503 }
```

# Background

The CSS property to change the background color of an element to Hex CD2503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD2503 }
```

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

```
.background{ background-color:#CD2503 }
```

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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