

# Converting Colors

Hex(D24A03)

Have a look what the booklet for  
Hex(D24A03) contains.

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**Color**

**Hex(D24A03)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D24A03
RGB	210, 74, 3
RGB Percent	82%, 29%, 1%
CMY	0.1765, 0.7098, 0.9882
CMYK	0.00, 0.65, 0.99, 0.18
HSL	21°, 97%, 42%
HSV	21°, 99%, 82%
XYZ	29.0436, 18.6058, 2.1467
YIQ	106.5700, 103.8470, 6.7510

# Conversions

## Conversions Part 2

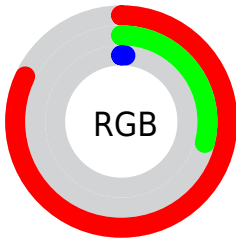
Format	Color
<a href="#">RYB</a>	<a href="#">210, 111, 3</a>
Decimal	<a href="#">13781507</a>
CIELab	<a href="#">50.22, 51.33, 60.15</a>
CIELCh	<a href="#">50, 79.075, 49.521</a>
Yxy	<a href="#">18.6058, 0.5833, 0.3736</a>
Android (android.graphics.Color)	<a href="#">4291971587</a> ( <a href="#">0xFFD24A03</a> )
YUV	<a href="#">106.5700, -51.0600, 90.7081</a>
Hunter-Lab	<a href="#">43.1344, 44.7036, 27.2434</a>

# Details

The Hex color **D24A03** 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 **038BD2**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF803E**, and **930900** is the 20% darker color. If you saturate the color by 10%, you get **D24800**, and if you desaturate by 10%, it is **D25818**.

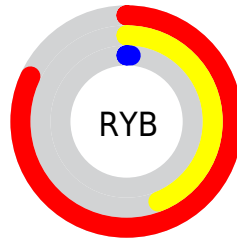
# Distribution



Red (82%)

Green (29%)

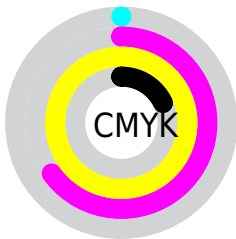
Blue (1%)



Red (82%)

Yellow (44%)

Blue (1%)

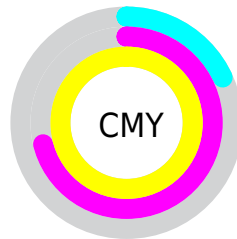


Cyan (0%)

Magenta (65%)

Yellow (99%)

Black (18%)



Cyan (18%)

Magenta (71%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D24A03 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 D24A03 by changing the saturation by 10% instead.



 D24A03

 D24A03

FFFFFFD

 B22E00

 FF803E

 930900

 FF9C58

 740000

 FFB872

 550000

 FFD48C

 3B0002

 FFF2A7

 150000

 FFFFC3

 000000

 FFFFEO

 D24A03

 D24A03

 D24800

 D25818

 D2662D

 D27342

 D28157

 D28F6C

 D29D81

 D2AB96

 D2B8AB

 D2C6C0

# Harmonies

## Analogous

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



E9184F



D24A03



A56C00

# Triad

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



D24A03



00925D



1070F8

# Complementary

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



D24A03



038BD2

# 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.



0087FE



D24A03



0094A3

# Square

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



D24A03



008D09



0091DE



AE4BD0

# Rectangle

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



D24A03



7E7C00



0091DE



007AFE



# Sweetspot

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



D24A03



FFCDB3



D2038D



806152



000000



808080



# Same Dimension

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



D24A03



FF5700



D2B003



69625E



A83A00



290E00

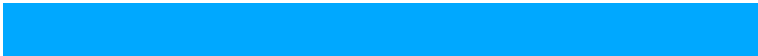


# Inverse Universe

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



038BD2



00A8FF



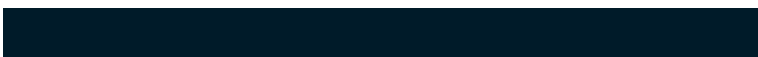
0326D2



5E6569



006FA8



001B29



# Previews

## White Background



This preview shows how the Hex color D24A03 looks on a white background.

## Color Contrast Check

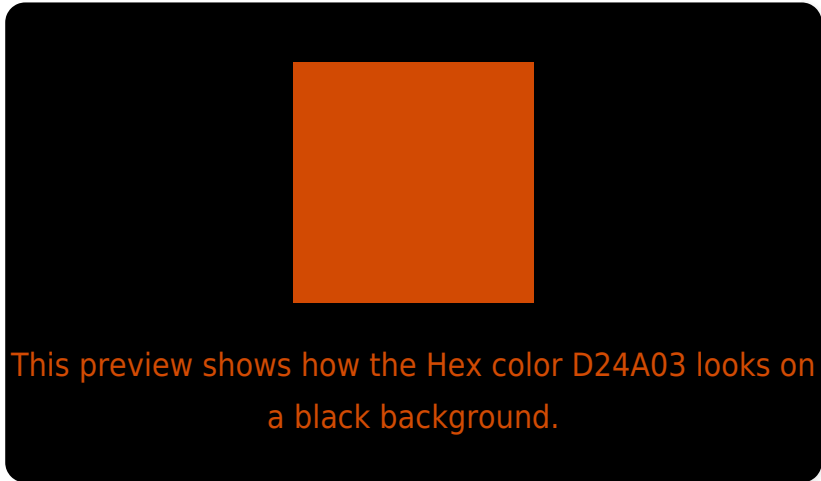
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D24A03 Background



This preview shows how black text looks on a background with the Hex color D24A03.



This preview shows how white text looks on a background with the Hex color D24A03.

# 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**  
D24A03

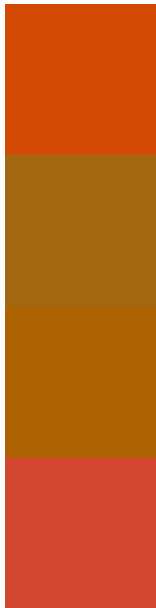
**Protanopia**  
877916

**Deuteranopia**  
987200



**Tritanopia**  
D34549

# Trichromacy



**Original Color**  
D24A03

**Protanomaly**  
A2680F

**Deuteranomaly**  
AD6301

**Tritanomaly**  
D34730

# Monochromacy



**Original Color**  
D24A03

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
905F45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D24A03 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 #D24A03 looks like.

```
.text, #text, p{  
    color:#D24A03  
}
```

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 #D24A03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D24A03
}
```

## Border

The CSS property to change the border of an element to Hex D24A03 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".

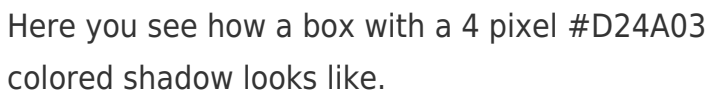
```
.border, #border, table{ border:4px solid
#D24A03 }
```

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

```
.border{ border-color:#D24A03 }
```

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

Here you see how a box with a 4 pixel #D24A03 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D24A03; -webkit-box-shadow:4px 4px  
4px 4px #D24A03; box-shadow:4px 4px 4px  
4px #D24A03 }
```

# Background

The CSS property to change the background color of an element to Hex D24A03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D24A03 }
```

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

```
.background{ background-color:#D24A03 }
```

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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