

# Converting Colors

Hex(D24D02)

Have a look what the booklet for  
Hex(D24D02) contains.

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**Color**

**Hex(D24D02)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D24D02
RGB	210, 77, 2
RGB Percent	82%, 30%, 1%
CMY	0.1765, 0.6980, 0.9922
CMYK	0.00, 0.63, 0.99, 0.18
HSL	22°, 98%, 42%
HSV	22°, 99%, 82%
XYZ	29.2432, 19.0138, 2.1862
YIQ	108.2170, 103.3430, 4.8710

# Conversions

## Conversions Part 2

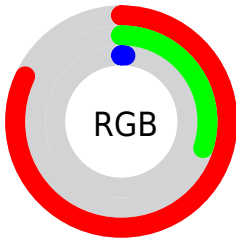
Format	Color
R <sub>Y</sub> B	210, 119, 2
Decimal	13782274
CIE Lab	50.70, 50.03, 60.65
CIE LCh	51, 78.620, 50.479
Yxy	19.0138, 0.5797, 0.3769
Android (android.graphics.Color)	4291972354 (0xFFD24D02)
YUV	108.2170, -52.3650, 89.2637
Hunter-Lab	43.6048, 43.4011, 27.5508

# Details

The Hex color **D24D02** 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 **0287D2**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF833E**, and **931100** is the 20% darker color. If you saturate the color by 10%, you get **D24C00**, and if you desaturate by 10%, it is **D25A17**.

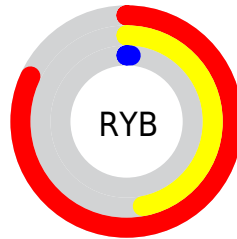
# Distribution



Red (82%)

Green (30%)

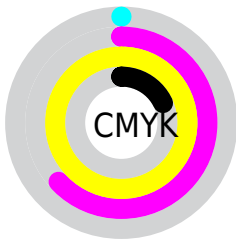
Blue (1%)



Red (82%)

Yellow (47%)

Blue (1%)

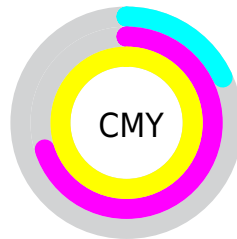


Cyan (0%)

Magenta (63%)

Yellow (99%)

Black (18%)



Cyan (18%)

Magenta (70%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D24D02 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 D24D02 by changing the saturation by 10% instead.



 D24D02

 D24D02

FFFFFFD

 B23200

 FF833E

 931100

 FF9E58

 740000

 FFBA72

 560000

 FFD78C

 3B0002

 FFF4A8

 160000

 FFFFC3

 000000

 FFFFEO

 D24D02

 D24D02

■ D24C00

■ D25A17

■ D2682C

■ D27541

■ D28356

■ D2906B

■ D29E80

■ D2AB95

■ D2B8AA

■ D2C6BF

# Harmonies

## Analogous

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



EA1F4F



D24D02



A46E00

# Triad

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



D24D02



009460



2971F8

# Complementary

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



D24D02



0287D2

# 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.



0088FF



D24D02



0095A6

# Square

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



D24D02



008E11



0092E0



B24BCF

# Rectangle

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



D24D02



7D7D00



0092E0



007AFF



# Sweetspot

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



D24D02



FFCEB3



D20289



806252



000000



808080



# Same Dimension

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



D24D02



FF5C00



D2B302



69625E



A83D00



290F00

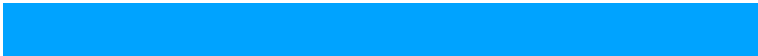


# Inverse Universe

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



0287D2



00A3FF



0221D2



5E6569



006CA8



001A29



# Previews

## White Background



This preview shows how the Hex color D24D02 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 D24D02 Background



This preview shows how black text looks on a background with the Hex color D24D02.



This preview shows how white text looks on a background with the Hex color D24D02.

# 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**  
D24D02

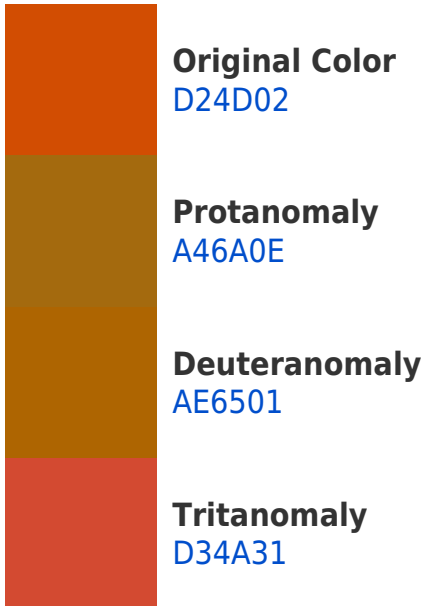
**Protanopia**  
897A15

**Deuteranopia**  
997300



**Tritanopia**  
D4484C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D24D02 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 #D24D02 looks like.

```
.text, #text, p{  
    color:#D24D02  
}
```

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 #D24D02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D24D02
}
```

## Border

The CSS property to change the border of an element to Hex D24D02 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
#D24D02 }
```

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

```
.border{ border-color:#D24D02 }
```

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

Here you see how a box with a 4 pixel #D24D02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D24D02; -webkit-box-shadow:4px 4px  
4px 4px #D24D02; box-shadow:4px 4px 4px  
4px #D24D02 }
```

# Background

The CSS property to change the background color of an element to Hex D24D02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D24D02 }
```

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

```
.background{ background-color:#D24D02 }
```

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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