

# Converting Colors

Hex(D24034)

Have a look what the booklet for  
Hex(D24034) contains.

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# Color

Hex(D24034)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D24034
RGB	210, 64, 52
RGB Percent	82%, 25%, 20%
CMY	0.1765, 0.7490, 0.7961
CMYK	0.00, 0.70, 0.75, 0.18
HSL	5°, 64%, 51%
HSV	5°, 75%, 82%
XYZ	29.0316, 17.6164, 5.1190
YIQ	106.2860, 90.8680, 27.2200

# Conversions

## Conversions Part 2

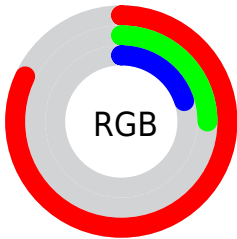
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">210, 65, 52</a>
Decimal	<a href="#">13778996</a>
CIELab	<a href="#">49.03, 56.44, 39.93</a>
CIELCh	<a href="#">49, 69.137, 35.281</a>
Yxy	<a href="#">17.6164, 0.5608, 0.3403</a>
Android (android.graphics.Color)	<a href="#">4291969076</a> ( <a href="#">0xFFD24034</a> )
YUV	<a href="#">106.2860, -26.7630, 90.9572</a>
Hunter-Lab	<a href="#">41.9719, 50.0162, 22.1492</a>

# Details

The Hex color **D24034** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **34C6D2**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF7864**, and **940007** is the 20% darker color. If you saturate the color by 10%, you get **D22D1F**, and if you desaturate by 10%, it is **D25349**.

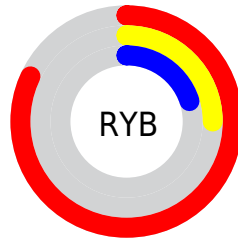
# Distribution



Red (82%)

Green (25%)

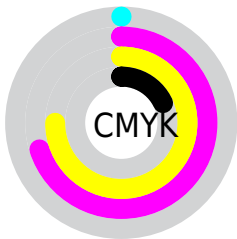
Blue (20%)



Red (82%)

Yellow (25%)

Blue (20%)

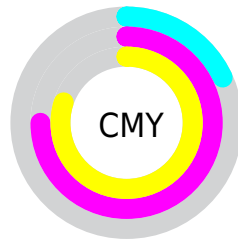


Cyan (0%)

Magenta (70%)

Yellow (75%)

Black (18%)



Cyan (18%)

Magenta (75%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D24034 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 D24034 by changing the saturation by 10% instead.



 D24034

 D24034

FFFFFF

 B3201E

 FF7864

 940007

 FF947D

 750000

 FFB097

 560000

 FFCDB2

 3B0002

 FFEACD

 140000

 FFFFEA

 000000

 D24034

 D24034

 D22D1F

 D25349

 D2190A

 D2675E

 D21000

 D27A73

 D28E88

 D2A19D

 D2B4B2

 D2C8C7

 D2DBDC

 D2EFF1

# Harmonies

## Analogous

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



DA2A6D



D24034



B35F00

# Triad

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



D24034



008B40



0079EA

# Complementary

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



D24034



34C6D2

# 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.



0087DF



D24034



008E7E

# Square

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



D24034



458400



008DB7



7F5FD5

# Rectangle

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



D24034



956F00



008DB7



007FEA



# Sweetspot

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



D24034



FFC9C4



D234C7



805F5C



000000



808080



# Same Dimension

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



D24034



FF2B19



D28E34



695F5E



A80D00



290300



# Inverse Universe

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



34C6D2



19EEFF



3478D2



5E6869



009CA8



002629



# Previews

## White Background



This preview shows how the Hex color D24034 looks on a white background.

## Color Contrast Check

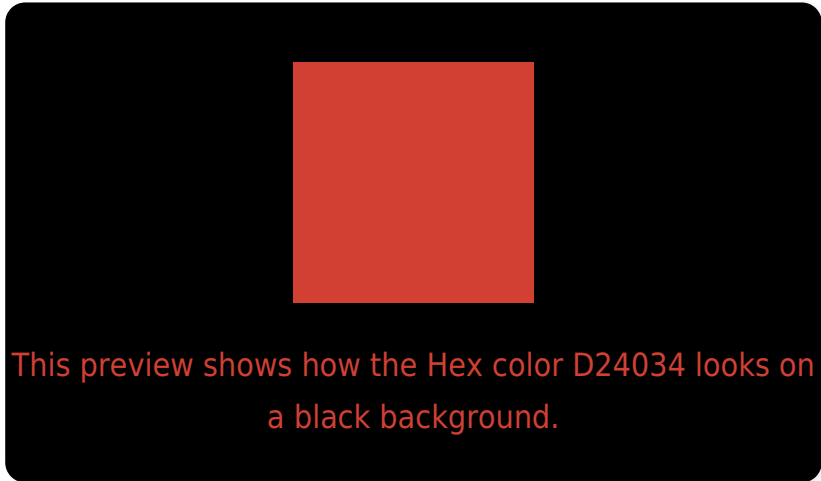
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 D24034 Background



This preview shows how black text looks on a background with the Hex color D24034.

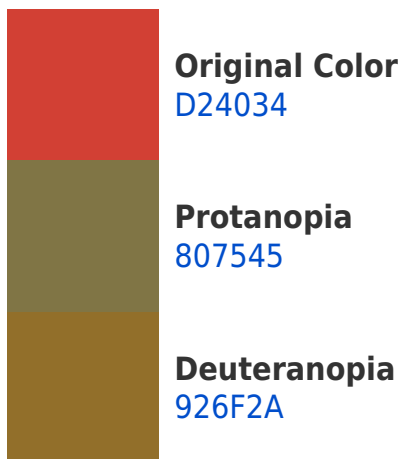


This preview shows how white text looks on a background with the Hex color D24034.

# 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





**Tritanopia**  
D23E41

# Trichromacy



**Original Color**  
D24034

**Protanomaly**  
9E623F

**Deuteranomaly**  
A95E2E

**Tritanomaly**  
D23F3C

# Monochromacy



**Original Color**  
D24034

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
905B56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D24034 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 #D24034 looks like.

```
.text, #text, p{  
    color:#D24034  
}
```

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 #D24034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D24034
}
```

## Border

The CSS property to change the border of an element to Hex D24034 is called "border". The border property can be set on classes, ids or directly on the HTML element.

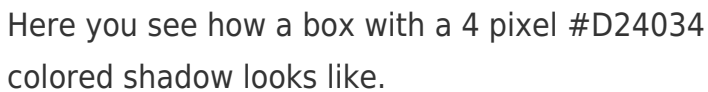
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D24034 }
```

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

```
.border{ border-color:#D24034 }
```

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



Here you see how a box with a 4 pixel #D24034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D24034; -webkit-box-shadow:4px 4px  
4px 4px #D24034; box-shadow:4px 4px 4px  
4px #D24034 }
```

# Background

The CSS property to change the background color of an element to Hex D24034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D24034 }
```

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

```
.background{ background-color:#D24034 }
```

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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