

# Converting Colors

Hex(D24C34)

Have a look what the booklet for  
Hex(D24C34) contains.

<b>Hex(D24C34)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(D24C34)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D24C34
RGB	210, 76, 52
RGB Percent	82%, 30%, 20%
CMY	0.1765, 0.7020, 0.7961
CMYK	0.00, 0.64, 0.75, 0.18
HSL	9°, 64%, 51%
HSV	9°, 75%, 82%
XYZ	29.7826, 19.1185, 5.3693
YIQ	113.3300, 87.5680, 20.9440

# Conversions

## Conversions Part 2

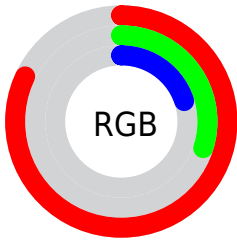
Format	Color
<b>R<sub>YB</sub></b>	210, 80, 52
Decimal	13782068
CIE Lab	50.83, 51.57, 41.87
CIE LCh	51, 66.428, 39.078
Yxy	19.1185, 0.5488, 0.3523
Android (android.graphics.Color)	4291972148 (0xFFD24C34)
YUV	113.3300, -30.2357, 84.7796
Hunter-Lab	43.7247, 45.0654, 23.3265

# Details

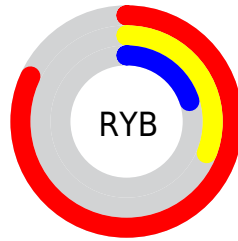
The Hex color **D24C34** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **34BAD2**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF8264**, and **940C06** is the 20% darker color. If you saturate the color by 10%, you get **D23A1F**, and if you desaturate by 10%, it is **D25E49**.

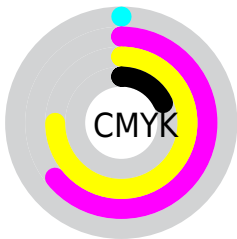
# Distribution



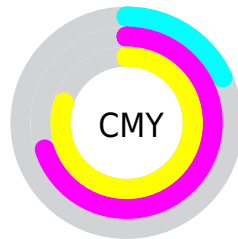
- Red (82%)
- Green (30%)
- Blue (20%)



- Red (82%)
- Yellow (31%)
- Blue (20%)



- Cyan (0%)
- Magenta (64%)
- Yellow (75%)
- Black (18%)



- Cyan (18%)
- Magenta (70%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D24C34 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 D24C34 by changing the saturation by 10% instead.



 D24C34

 D24C34

FFFFFF

 B3301D

 FF8264

 940C06

 FF9E7D

 760000

 FFBA98

 570000

 FFD7B3

 3C0002

 FFF4CE

 190001

 FFFFEB

 000000

 D24C34

 D24C34

 D23A1F

 D25E49

 D2280A

 D2705E

 D22000

 D28173

 D29388

 D2A59D

 D2B7B2

 D2C9C7

 D2DADC

 D2ECF1

# Harmonies

## Analogous

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



DC386A



D24C34



B26700

# Triad

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



D24C34



00904E



007AEA

# Complementary

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



D24C34



34BAD2

# 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.



008AE3



D24C34



009289

# Square

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



D24C34



43890E



0091C0



8F61D2

# Rectangle

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



D24C34



937600



0091C0



0081EB



# Sweetspot

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



D24C34



FFCDC4



D234BA



80615C



000000



808080



# Same Dimension

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



D24C34



FF3C19



D29B34



69605E



A81A00



290600



# Inverse Universe

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



34BAD2



19DCFF



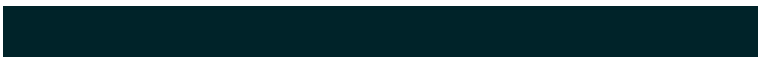
346BD2



5E6769



008FA8

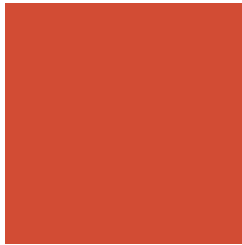


002329



# Previews

## White Background



This preview shows how the Hex color D24C34 looks on a white background.

## Color Contrast Check

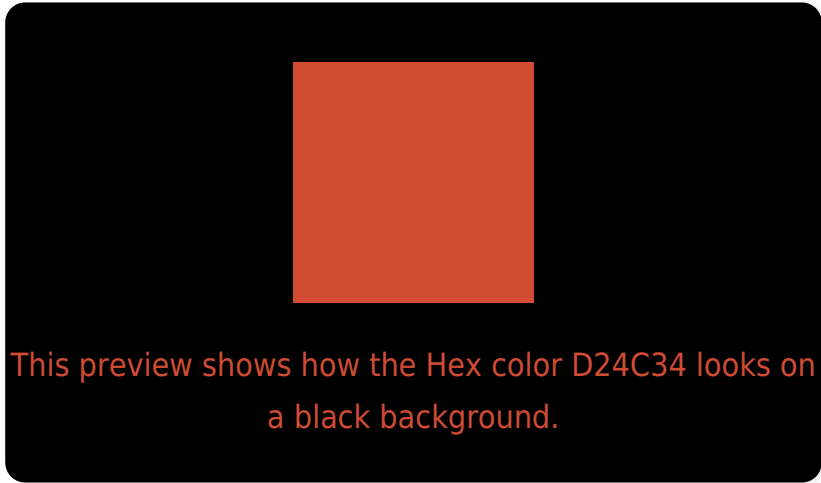
Large Text (above 18pt) WCAG AA ✓ Pass

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 D24C34 Background



This preview shows how black text looks on a background with the Hex color D24C34.



This preview shows how white text looks on a background with the Hex color D24C34.

# 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**  
D24C34

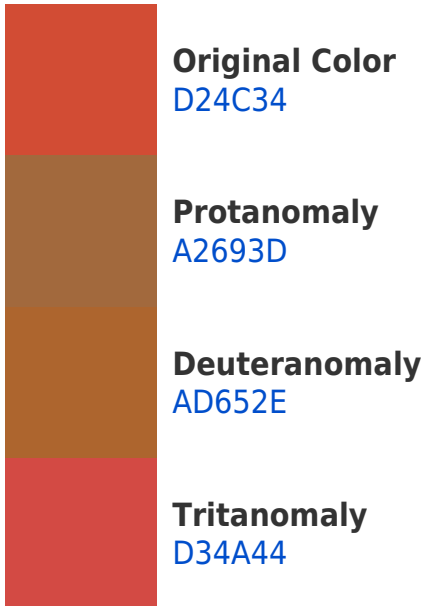
**Protanopia**  
867A42

**Deuteranopia**  
98742B

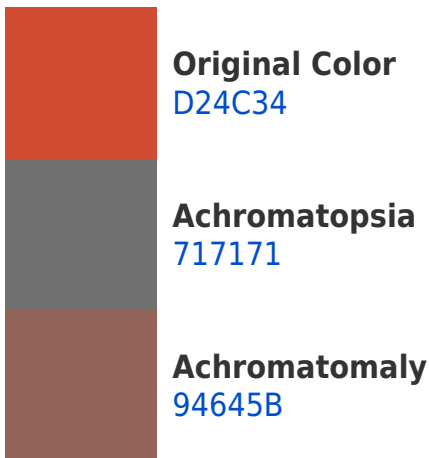


**Tritanopia**  
D3494D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D24C34 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 #D24C34 looks like.

```
.text, #text, p{  
    color:#D24C34  
}
```

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 #D24C34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D24C34
}
```

## Border

The CSS property to change the border of an element to Hex D24C34 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".

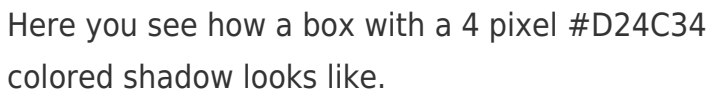
```
.border, #border, table{ border:4px solid
#D24C34 }
```

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

```
.border{ border-color:#D24C34 }
```

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

Here you see how a box with a 4 pixel #D24C34 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D24C34; -webkit-box-shadow:4px 4px  
4px 4px #D24C34; box-shadow:4px 4px 4px  
4px #D24C34 }
```

# Background

The CSS property to change the background color of an element to Hex D24C34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D24C34 }
```

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

```
.background{ background-color:#D24C34 }
```

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