

# Converting Colors

Hex(D14334)

Have a look what the booklet for  
Hex(D14334) contains.

<b>Hex(D14334)</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(D14334)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D14334
RGB	209, 67, 52
RGB Percent	82%, 26%, 20%
CMY	0.1804, 0.7373, 0.7961
CMYK	0.00, 0.68, 0.75, 0.18
HSL	6°, 63%, 51%
HSV	6°, 75%, 82%
XYZ	28.9215, 17.8176, 5.1636
YIQ	107.7480, 89.4470, 25.4390

# Conversions

## Conversions Part 2

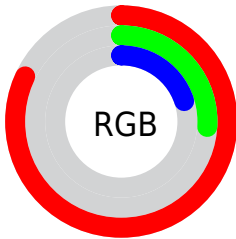
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 69, 52
Decimal	13714228
CIE <sub>Lab</sub>	49.27, 54.95, 40.15
CIE <sub>LCh</sub>	49, 68.054, 36.154
Yxy	17.8176, 0.5572, 0.3433
Android (android.graphics.Color)	4291904308 (0xFFD14334)
YUV	107.7480, -27.4838, 88.7980
Hunter-Lab	42.2108, 48.4334, 22.2947

# Details

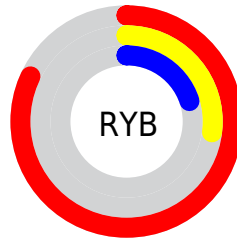
The Hex color **D14334** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **34C2D1**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF7B64**, and **930007** is the 20% darker color. If you saturate the color by 10%, you get **D1301F**, and if you desaturate by 10%, it is **D15649**.

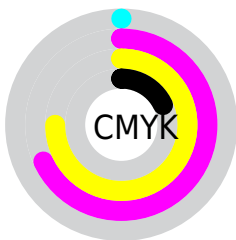
# Distribution



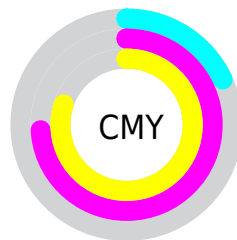
- Red (82%)
- Green (26%)
- Blue (20%)



- Red (82%)
- Yellow (27%)
- Blue (20%)



- Cyan (0%)
- Magenta (68%)
- Yellow (75%)
- Black (18%)



- Cyan (18%)
- Magenta (74%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D14334 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 D14334 by changing the saturation by 10% instead.



 D14334

 D14334

FFFFFF

 B2251E

 FF7B64

 930007

 FF967D

 740000

 FFB397

 560000

 FFCFB2

 3B0002

 FFECCE

 140000

 FFFFEA

 000000

 D14334

 D14334

 D1301F

 D15649

 D11D0A

 D1695E

 D11400

 D17C73

 D18F88

 D1A29C

 D1B4B1

 D1C7C6

 D1DADB

 D1EDF0

# Harmonies

## Analogous

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



D92E6C



D14334



B26000

# Triad

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



D14334



008B43



0079E9

# Complementary

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



D14334



34C2D1

# 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



D14334



008E80

# Square

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



D14334



458400



008EB8



8360D3

# Rectangle

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



D14334



947000



008EB8



007FE9



# Sweetspot

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



D14334



FFCAC4



D134C4



805F5C



000000



808080



# Same Dimension

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



D14334



FF2F19



D19034



695F5E



A81000



290400



# Inverse Universe

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



34C2D1



19E9FF



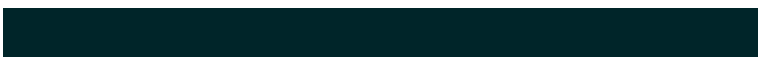
3475D1



5E6869



0098A8



002529



# Previews

## White Background



This preview shows how the Hex color D14334 looks on a white background.

## Color Contrast Check

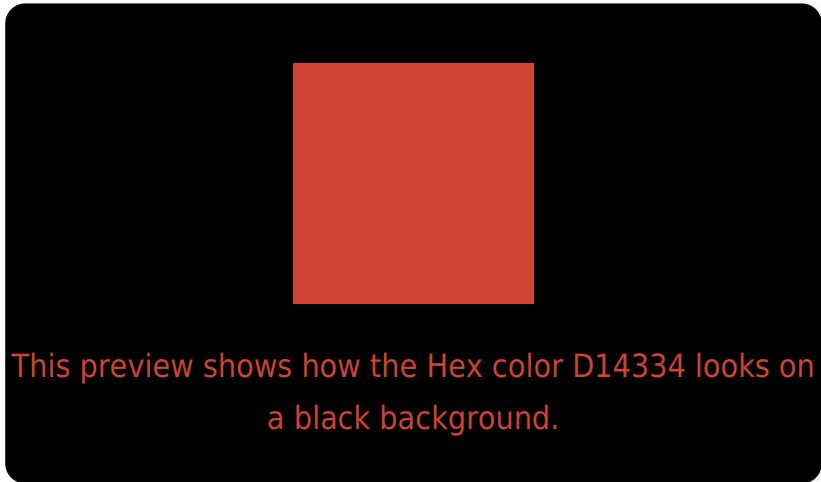
Large Text (above 18pt) WCAG AA ✓ Pass

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 D14334 Background



This preview shows how black text looks on a background with the Hex color D14334.

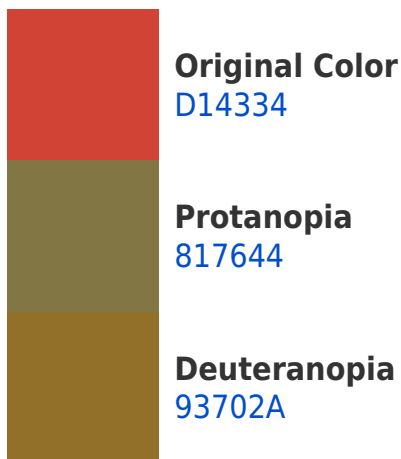


This preview shows how white text looks on a background with the Hex color D14334.

# 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](#).

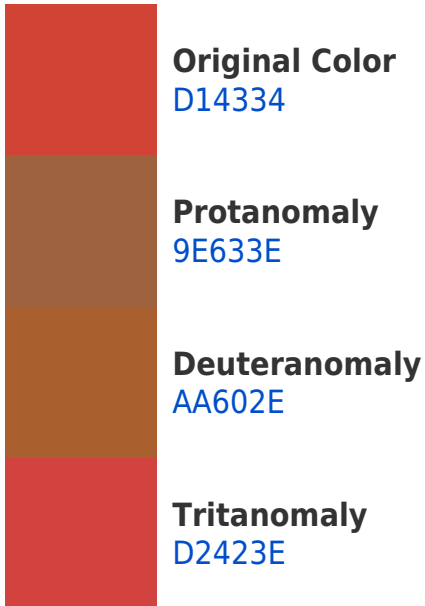
## Dichromacy





**Tritanopia**  
D24144

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D14334 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 #D14334 looks like.

```
.text, #text, p{  
    color:#D14334  
}
```

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 #D14334 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D14334 }  
}
```

## Border

The CSS property to change the border of an element to Hex D14334 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".

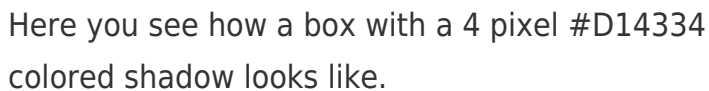
```
.border, #border, table{ border:4px solid #D14334 }  
}
```

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

```
.border{ border-color:#D14334 }
```

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

Here you see how a box with a 4 pixel #D14334 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D14334; -webkit-box-shadow:4px 4px  
4px 4px #D14334; box-shadow:4px 4px 4px  
4px #D14334 }
```

# Background

The CSS property to change the background color of an element to Hex D14334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D14334 }
```

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

```
.background{ background-color:#D14334 }
```

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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