

# Converting Colors

Hex(D3314A)

Have a look what the booklet for  
Hex(D3314A) contains.

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# Color

**Hex(D3314A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D3314A
RGB	211, 49, 74
RGB Percent	83%, 19%, 29%
CMY	0.1725, 0.8078, 0.7098
CMYK	0.00, 0.77, 0.65, 0.17
HSL	351°, 65%, 51%
HSV	351°, 77%, 83%
XYZ	29.1983, 16.5399, 8.1322
YIQ	100.2880, 88.5270, 42.1190

# Conversions

## Conversions Part 2

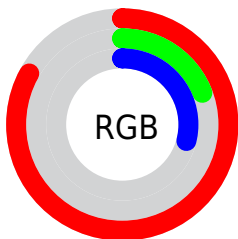
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 49, 74
Decimal	13840714
CIE Lab	47.68, 62.91, 25.56
CIE LCh	48, 67.905, 22.110
Yxy	16.5399, 0.5420, 0.3070
Android (android.graphics.Color)	4292030794 (0xFFD3314A)
YUV	100.2880, -12.9600, 97.0944
Hunter-Lab	40.6693, 56.9819, 16.6130

# Details

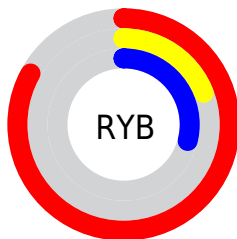
The Hex color **D3314A** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **31D3BA**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF6D7A**, and **95001F** is the 20% darker color. If you saturate the color by 10%, you get **D31C38**, and if you desaturate by 10%, it is **D3465C**.

# Distribution



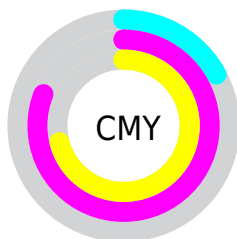
- Red (83%)
- Green (19%)
- Blue (29%)



- Red (83%)
- Yellow (19%)
- Blue (29%)



- Cyan (0%)
- Magenta (77%)
- Yellow (65%)
- Black (17%)



- Cyan (17%)
- Magenta (81%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3314A 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 D3314A by changing the saturation by 10% instead.



 D3314A

 D3314A

FFFFFF

 B40034

 FF6D7A

 95001F

 FF8A94

 760008

 FFA6AF

 580001

 FFC3CA

 3C0003

 FFE1E6

 150000

 000000

 D3314A

 D3314A

 D31C38

 D3465C

 D30726

 D35B6E

 D30021

 D37080

 D38591

 D39BA3

 D3B0B5

 D3C5C7

 D3DAD9

 D3EFEB

# Harmonies

## Analogous

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



CE2D83



D3314A



BE4F10

# Triad

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



D3314A



008522



007DE4

# Complementary

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



D3314A



31D3BA

# 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.



0087CB



D3314A



008960

# Square

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



D3314A



617B00



008A9B



4669DC

# Rectangle

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



D3314A



A56200



008A9B



0081DF



# Sweetspot

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



D3314A



FFC4CD



B831D3



805C61



000000



808080



# Same Dimension

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



D3314A



FF1439



D36731



695E60



A8001A



290006



# Inverse Universe

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



D3314A



FF1439



319DD3



695E60



A8001A



290006



# Previews

## White Background



This preview shows how the Hex color D3314A looks on a white background.

## Color Contrast Check

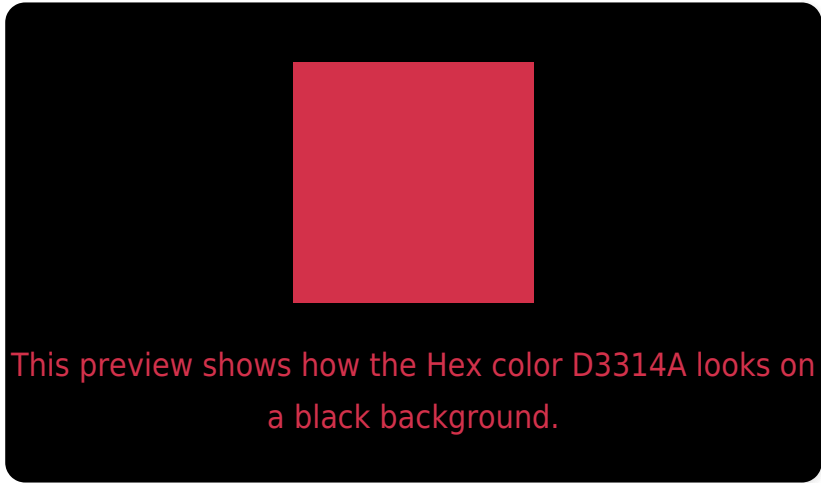
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex D3314A Background



This preview shows how black text looks on a background with the Hex color D3314A.

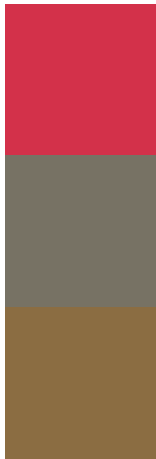


This preview shows how white text looks on a background with the Hex color D3314A.

# 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**  
D3314A

**Protanopia**  
777264

**Deuteranopia**  
8B6D42



# Trichromacy



**Original Color**  
D3314A

**Protanomaly**  
985A5B

**Deuteranomaly**  
A55745

**Tritanomaly**  
D2343E

# Monochromacy



**Original Color**  
D3314A

**Achromatopsia**  
646464

**Achromatomaly**  
8C515B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3314A 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 #D3314A looks like.

```
.text, #text, p{  
    color:#D3314A  
}
```

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 #D3314A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3314A
}
```

## Border

The CSS property to change the border of an element to Hex D3314A 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
#D3314A }
```

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

```
.border{ border-color:#D3314A }
```

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

Here you see how a box with a 4 pixel #D3314A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3314A; -webkit-box-shadow:4px 4px  
4px 4px #D3314A; box-shadow:4px 4px 4px  
4px #D3314A }
```

# Background

The CSS property to change the background color of an element to Hex D3314A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3314A }
```

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

```
.background{ background-color:#D3314A }
```

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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