

# Converting Colors

Hex(D34A29)

Have a look what the booklet for  
Hex(D34A29) contains.

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**Color**

**Hex(D34A29)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D34A29
RGB	211, 74, 41
RGB Percent	83%, 29%, 16%
CMY	0.1725, 0.7098, 0.8392
CMYK	0.00, 0.65, 0.81, 0.17
HSL	12°, 67%, 49%
HSV	12°, 81%, 83%
XYZ	29.7130, 18.9065, 4.1811
YIQ	111.2010, 92.2450, 18.7810

# Conversions

## Conversions Part 2

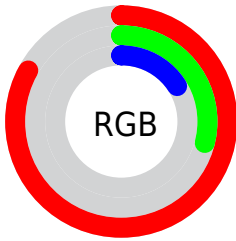
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 82, 41
Decimal	13847081
CIE Lab	50.58, 52.37, 47.31
CIE LCh	51, 70.579, 42.096
Yxy	18.9065, 0.5627, 0.3581
Android (android.graphics.Color)	4292037161 (0xFFD34A29)
YUV	111.2010, -34.6091, 87.5237
Hunter-Lab	43.4816, 45.8843, 24.7360

# Details

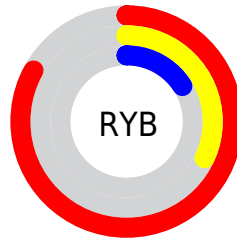
The Hex color **D34A29** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **29B2D3**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF8159**, and **940700** is the 20% darker color. If you saturate the color by 10%, you get **D33914**, and if you desaturate by 10%, it is **D35B3E**.

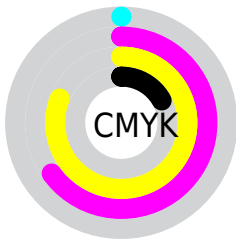
# Distribution



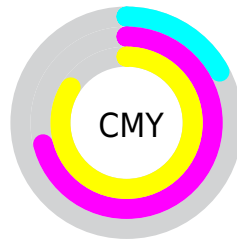
- Red (83%)
- Green (29%)
- Blue (16%)



- Red (83%)
- Yellow (32%)
- Blue (16%)



- Cyan (0%)
- Magenta (65%)
- Yellow (81%)
- Black (17%)



- Cyan (17%)
- Magenta (71%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D34A29 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 D34A29 by changing the saturation by 10% instead.



 D34A29

 D34A29

FFFFFF

 B42E11

 FF8159

 940700

 FF9C72

 760000

 FFB88C

 570000

 FFD5A7

 3C0002

 FFF2C3

 180001

 FFFFDF

 000000

 FFFFFC

 D34A29

 D34A29

 D33914

 D35B3E

 D32900

 D36C53

 D37D68

 D38E7D

 D39F92

 D3B0A8

 D3C1BD

 D3D2D2

 D3E3E7

# Harmonies

## Analogous

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



E12F63



D34A29



AF6800

# Triad

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



D34A29



009051



0078EF

# Complementary

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



D34A29



29B2D3

# 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.



0089EC



D34A29



009390

# Square

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



D34A29



328A07



0091C8



985CD3

# Rectangle

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



D34A29



8E7700



0091C8



007FF2



# Sweetspot

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



D34A29



FFCEC2



D329B4



80625B



000000



808080



# Same Dimension

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



D34A29



FF3808



D39D29



69605E



A82100



290800



# Inverse Universe

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



29B2D3



08CFFF



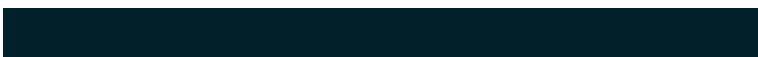
295FD3



5E6769



0088A8

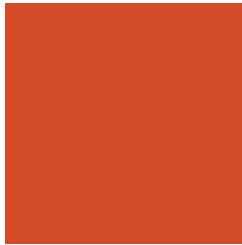


002129



# Previews

## White Background



This preview shows how the Hex color D34A29 looks on a white background.

## Color Contrast Check

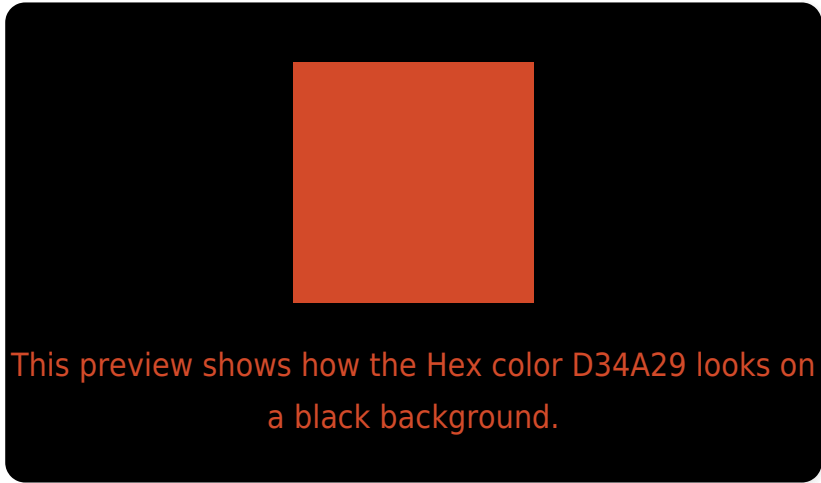
Large Text (above 18pt) WCAG AA ✓ Pass

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 D34A29 Background



This preview shows how black text looks on a background with the Hex color D34A29.



This preview shows how white text looks on a background with the Hex color D34A29.

# 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**  
D34A29

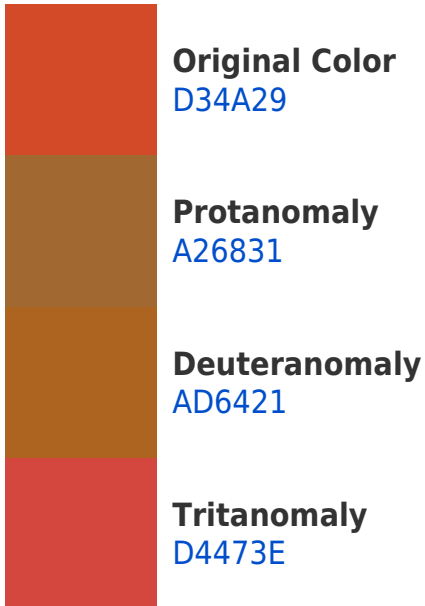
**Protanopia**  
867936

**Deuteranopia**  
98731C

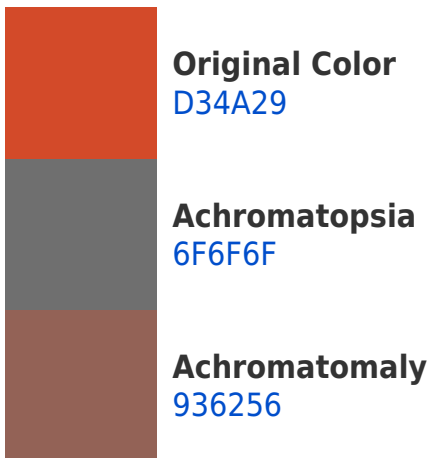


**Tritanopia**  
D4464A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D34A29 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 #D34A29 looks like.

```
.text, #text, p{  
    color:#D34A29  
}
```

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 #D34A29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D34A29
}
```

## Border

The CSS property to change the border of an element to Hex D34A29 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
#D34A29 }
```

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

```
.border{ border-color:#D34A29 }
```

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

Here you see how a box with a 4 pixel #D34A29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D34A29; -webkit-box-shadow:4px 4px  
4px 4px #D34A29; box-shadow:4px 4px 4px  
4px #D34A29 }
```

# Background

The CSS property to change the background color of an element to Hex D34A29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D34A29 }
```

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

```
.background{ background-color:#D34A29 }
```

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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