

# Converting Colors

Hex(D14327)

Have a look what the booklet for  
Hex(D14327) contains.

<b>Hex(D14327)</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(D14327)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D14327
RGB	209, 67, 39
RGB Percent	82%, 26%, 15%
CMY	0.1804, 0.7373, 0.8471
CMYK	0.00, 0.68, 0.81, 0.18
HSL	10°, 69%, 49%
HSV	10°, 81%, 82%
XYZ	28.6679, 17.7161, 3.8280
YIQ	106.2660, 93.6200, 21.3960

# Conversions

## Conversions Part 2

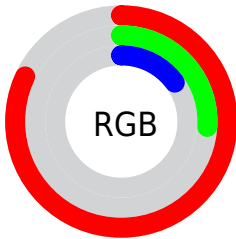
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">209, 73, 39</a>
Decimal	<a href="#">13714215</a>
CIELab	<a href="#">49.15, 54.50, 46.81</a>
CIELCh	<a href="#">49, 71.841, 40.659</a>
Yxy	<a href="#">17.7161, 0.5709, 0.3528</a>
Android (android.graphics.Color)	<a href="#">4291904295 (0xFFD14327)</a>
YUV	<a href="#">106.2660, -33.1621, 90.0977</a>
Hunter-Lab	<a href="#">42.0905, 47.9181, 24.0711</a>

# Details

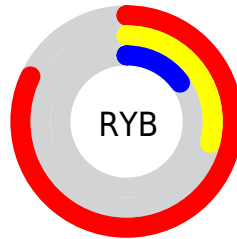
The Hex color **D14327** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **27B5D1**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF7A57**, and **920000** is the 20% darker color. If you saturate the color by 10%, you get **D13212**, and if you desaturate by 10%, it is **D1543C**.

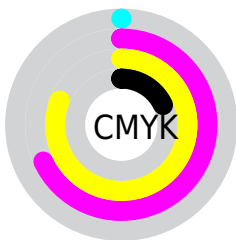
# Distribution



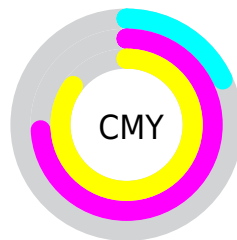
- Red (82%)
- Green (26%)
- Blue (15%)



- Red (82%)
- Yellow (29%)
- Blue (15%)



- Cyan (0%)
- Magenta (68%)
- Yellow (81%)
- Black (18%)



- Cyan (18%)
- Magenta (74%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D14327 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 D14327 by changing the saturation by 10% instead.



 D14327

 D14327

FFFFFF

 B1250F

 FF7A57

 920000

 FF9670

 730000

 FFB28A

 550000

 FFCFA4

 3A0002

 FFECC0

 120000

 FFFFDC

 000000

 FFFFF9

 D14327

 D14327

 D13212

 D1543C

 D12200

 D16651

 D17766

 D1897B

 D19A90

 D1ACA4

 D1BDB9

 D1CFCE

 D1E0E3

# Harmonies

## Analogous

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



DE2562



D14327



AD6300

# Triad

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



D14327



008D4A



0075EE

# Complementary

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



D14327



27B5D1

# 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.



0086E9



D14327



008F8A

# Square

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



D14327



318600



008EC3



9059D2

# Rectangle

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



D14327



8C7300



008EC3



007CF0



# Sweetspot

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



D14327



FFCC2



D127B8



80615B



000000



808080



# Same Dimension

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



D14327



FF2E05



D19527



69605E



A81C00



290700

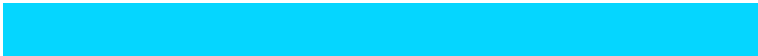


# Inverse Universe

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



27B5D1



05D6FF



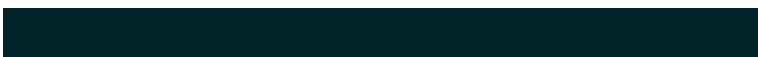
2763D1



5E6769



008DA8

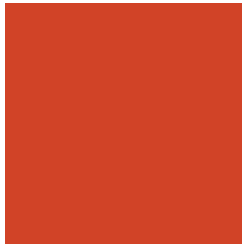


002229



# Previews

## White Background



This preview shows how the Hex color D14327 looks on a white background.

## Color Contrast Check

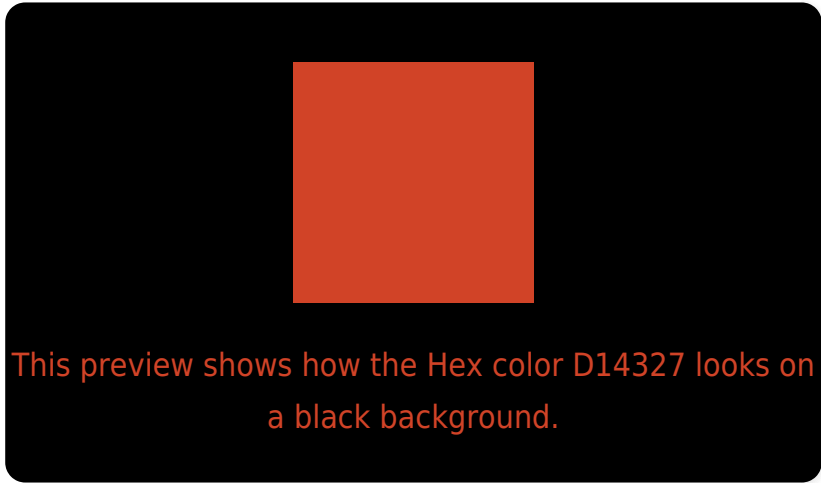
Large Text (above 18pt) WCAG AA ✓ Pass

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 D14327 Background



This preview shows how black text looks on a background with the Hex color D14327.

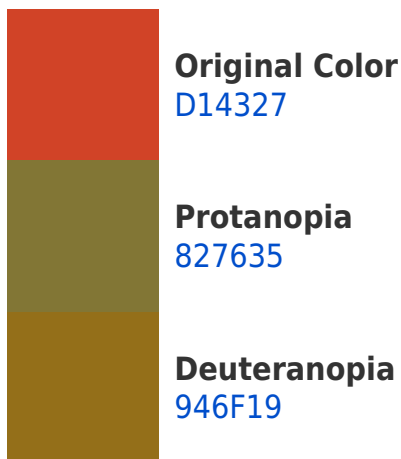



This preview shows how white text looks on a background with the Hex color D14327.

# 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](#).

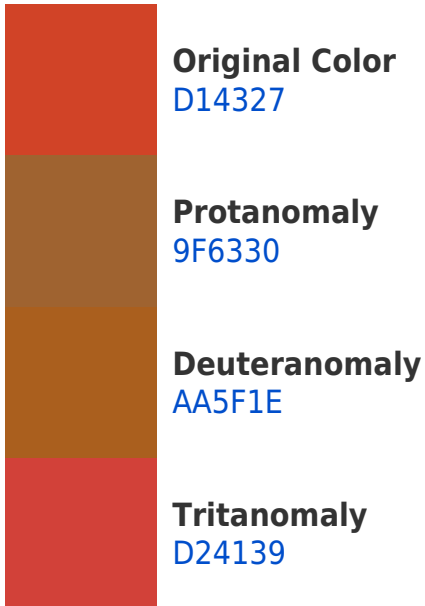
## Dichromacy



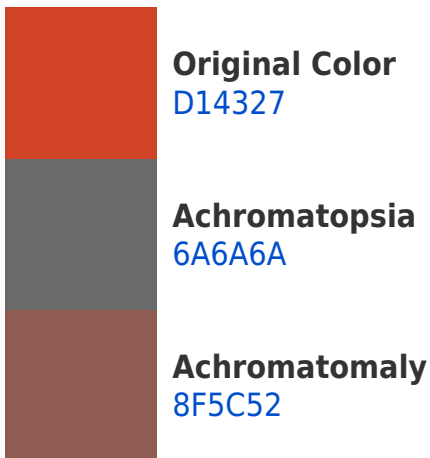


**Tritanopia**  
D24043

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D14327 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 #D14327 looks like.

```
.text, #text, p{  
    color:#D14327  
}
```

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 #D14327 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D14327
}
```

## Border

The CSS property to change the border of an element to Hex D14327 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".

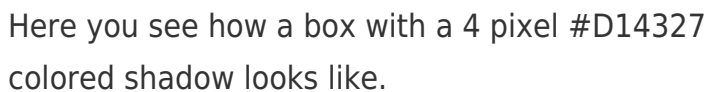
```
.border, #border, table{ border:4px solid
#D14327 }
```

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

```
.border{ border-color:#D14327 }
```

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

Here you see how a box with a 4 pixel #D14327 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D14327; -webkit-box-shadow:4px 4px  
4px 4px #D14327; box-shadow:4px 4px 4px  
4px #D14327 }
```

# Background

The CSS property to change the background color of an element to Hex D14327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D14327 }
```

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

```
.background{ background-color:#D14327 }
```

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