

# Converting Colors

Decimal(14041897)

Have a look what the booklet for  
Decimal(14041897) contains.

<b>Decimal(14041897)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(14041897)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D64329
RGB	214, 67, 41
RGB Percent	84%, 26%, 16%
CMY	0.1608, 0.7373, 0.8392
CMYK	0.00, 0.69, 0.81, 0.16
HSL	9°, 68%, 50%
HSV	9°, 81%, 84%
XYZ	30.1389, 18.4705, 4.0745
YIQ	107.9890, 95.9580, 23.0780

# Conversions

## Conversions Part 2

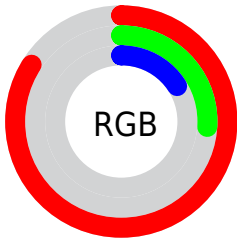
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 72, 41
Decimal	14041897
CIE Lab	50.06, 56.21, 47.00
CIE LCh	50, 73.271, 39.904
Yxy	18.4705, 0.5721, 0.3506
Android (android.graphics.Color)	4292231977 (0xFFD64329)
YUV	107.9890, -33.0256, 92.9716
Hunter-Lab	42.9774, 49.9671, 24.4631

# Details

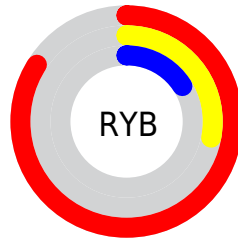
The Decimal color **14041897** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **2735318**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **16743257**, and **9895936** is the 20% darker color. If you saturate the color by 10%, you get **14037268**, and if you desaturate by 10%, it is **14046526**.

# Distribution



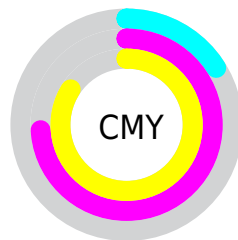
- Red (84%)
- Green (26%)
- Blue (16%)



- Red (84%)
- Yellow (28%)
- Blue (16%)



- Cyan (0%)
- Magenta (69%)
- Yellow (81%)
- Black (16%)












- Cyan (16%)
- Magenta (74%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14041897 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 Decimal color 14041897 by changing the saturation by 10% instead.



 14041897	 14041897
16777215	 11936785
 16743257	 9895936
 16750450	 7864320
 16757644	 5832704
 16765095	 4063235
 16772546	 1703937
 16777182	 0
 16777211	
 14041897	 14041897

14037268

14046526

14032896

14051156

14056041

14060671

14065300

14069929

14074559

14079188

14084074

# Harmonies

## Analogous

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



14885989



14041897



11691008

# Triad

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



14041897



36681



30963

# Complementary

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



14041897



2735318

# 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.



35309



14041897



37515

# Square

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



14041897



3442944



37318



9526232

# Rectangle

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



14041897



9532672



37318



32757



# Sweetspot

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



14041897



16763842



14035388



8413275



0



8421504



# Same Dimension

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



14041897



16723208



14063913



7037536



11213312



2819840

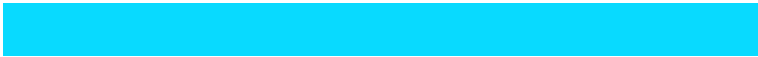


# Inverse Universe

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



2735318



580351



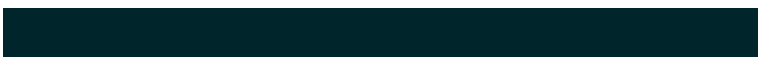
2713302



6318443



37291



9515



# Previews

## White Background



This preview shows how the Decimal color 14041897 looks on a white background.

## Color Contrast Check

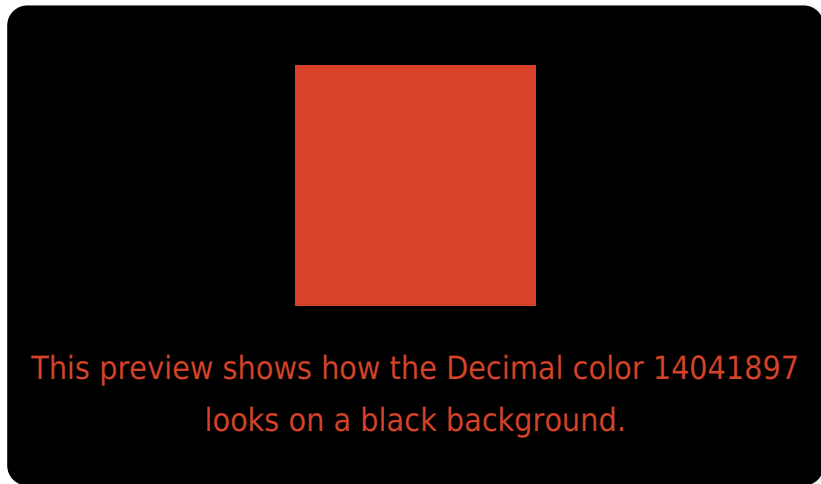
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Decimal 14041897 Background



This preview shows how black text looks on a background with the Decimal color 14041897.



This preview shows how white text looks on a background with the Decimal color 14041897.

# 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



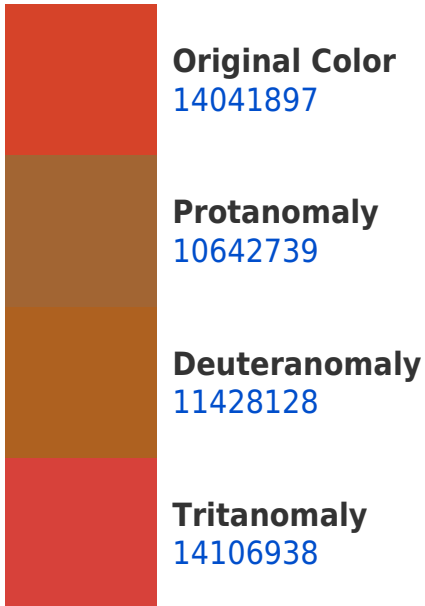
**Original Color**  
14041897

**Protanopia**  
8747064

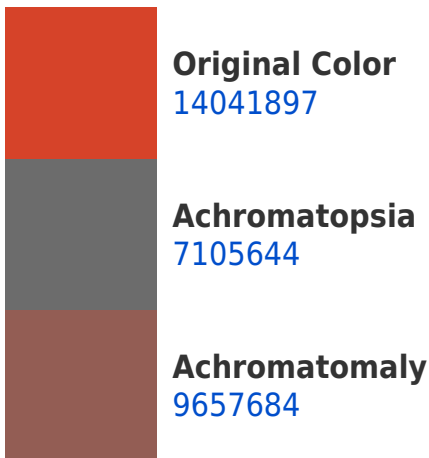
**Deuteranopia**  
9925147



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14041897 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 #D64329 looks like.

```
.text, #text, p{  
    color:#D64329  
}
```

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 #D64329 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D64329
}
```

## Border

The CSS property to change the border of an element to Decimal 14041897 is called "border". The border property can be set on classes, ids or directly on the HTML element.

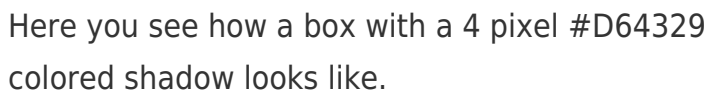
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D64329 }
```

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

```
.border{ border-color:#D64329 }
```

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



Here you see how a box with a 4 pixel #D64329 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D64329; -webkit-box-shadow:4px 4px  
4px 4px #D64329; box-shadow:4px 4px 4px  
4px #D64329 }
```

# Background

The CSS property to change the background color of an element to Decimal 14041897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D64329 }
```

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

```
.background{ background-color:#D64329 }
```

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