

# Converting Colors

Decimal(12991548)

Have a look what the booklet for  
Decimal(12991548) contains.

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**Color**

**Decimal(12991548)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C63C3C
RGB	198, 60, 60
RGB Percent	78%, 24%, 24%
CMY	0.2235, 0.7647, 0.7647
CMYK	0.00, 0.70, 0.70, 0.22
HSL	0°, 55%, 51%
HSV	0°, 70%, 78%
XYZ	25.7202, 15.5637, 5.9235
YIQ	101.2620, 82.2480, 29.2560

# Conversions

## Conversions Part 2

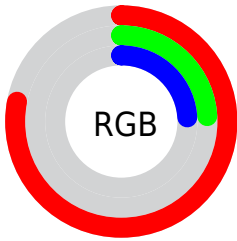
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 60, 60
Decimal	12991548
CIELab	46.40, 54.45, 31.80
CIELCh	46, 63.059, 30.283
Yxy	15.5637, 0.5448, 0.3297
Android (android.graphics.Color)	4291181628 (0xFFC63C3C)
YUV	101.2620, -20.3422, 84.8392
Hunter-Lab	39.4509, 47.3348, 18.7134

# Details

The Decimal color **12991548** 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 **3983046**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **16741484**, and **8978450** is the 20% darker color. If you saturate the color by 10%, you get **12986408**, and if you desaturate by 10%, it is **12996688**.

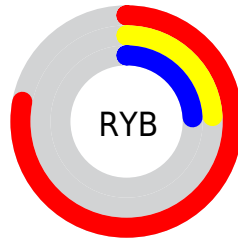
# Distribution



Red (78%)

Green (24%)

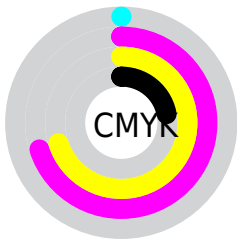
Blue (24%)



Red (78%)

Yellow (24%)

Blue (24%)

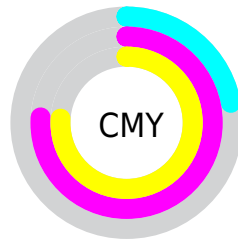


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (22%)



Cyan (22%)

Magenta (76%)


















Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12991548 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 12991548 by changing the saturation by 10% instead.



 12991548	 12991548
 16777215	 10951718
 16741484	 8978450
 16748421	 7012352
 16755615	 5046272
 16763066	 3211266
 16770518	 0
 16777202	
 12991548	 12991548
 12986408	 12996688

 12981268

 13001828

 12976385

 13006711

 12976128

 13011851

 13016991

 13022131

 13027271

 13032154

 13037294

# Harmonies

## Analogous

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



13119600



12991548



11359747

# Triad

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



12991548



33334



29913

# Complementary

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



12991548



3983046

# 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.



32970



12991548



34157

# Square

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



12991548



5274112



34210



6905802

# Rectangle

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



12991548



9659648



34210



31191



# Sweetspot

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



12991548



16763337



12991686



8413280



0



8421504



# Same Dimension

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



12991548



16722217



13009212



6511194



10682368



2359296



# Inverse Universe

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



3983046



2752511



3965382



5923683



41891



9252



# Previews

## White Background



This preview shows how the Decimal color 12991548 looks on a white background.

## Color Contrast Check

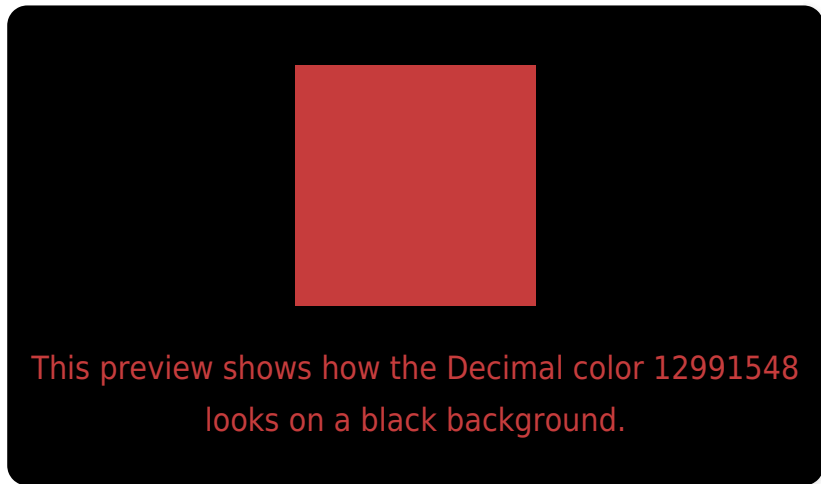
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Decimal 12991548 Background



This preview shows how black text looks on a background with the Decimal color 12991548.

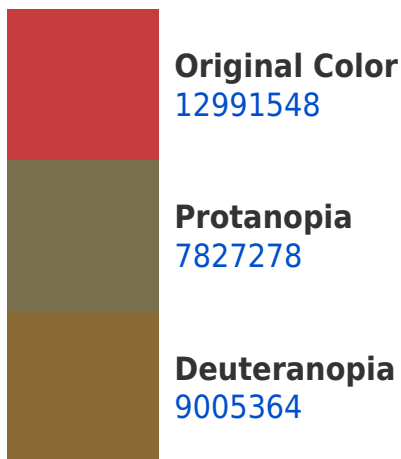


This preview shows how white text looks on a background with the Decimal color 12991548.

# 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





# Trichromacy



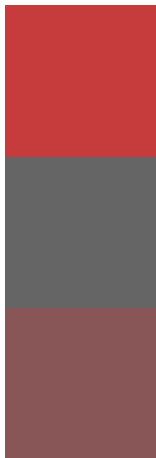
**Original Color**  
12991548

**Protanomaly**  
9722951

**Deuteranomaly**  
10443063

**Tritanomaly**  
12991549

# Monochromacy



**Original Color**  
12991548

**Achromatopsia**  
6645093

**Achromatomaly**  
8934998

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12991548 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 #C63C3C looks like.

```
.text, #text, p{  
    color:#C63C3C  
}
```

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 #C63C3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C63C3C
}
```

## Border

The CSS property to change the border of an element to Decimal 12991548 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
#C63C3C }
```

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

```
.border{ border-color:#C63C3C }
```

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

Here you see how a box with a 4 pixel #C63C3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C63C3C; -webkit-box-shadow:4px 4px  
4px 4px #C63C3C; box-shadow:4px 4px 4px  
4px #C63C3C }
```

# Background

The CSS property to change the background color of an element to Decimal 12991548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C63C3C }
```

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

```
.background{ background-color:#C63C3C }
```

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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