

# Converting Colors

Decimal(13173533)

Have a look what the booklet for  
Decimal(13173533) contains.

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# Color

**Decimal(13173533)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9031D
RGB	201, 3, 29
RGB Percent	79%, 1%, 11%
CMY	0.2118, 0.9882, 0.8863
CMYK	0.00, 0.99, 0.86, 0.21
HSL	352°, 97%, 40%
HSV	352°, 99%, 79%
XYZ	24.3417, 12.5713, 2.3060
YIQ	65.1660, 109.6620, 50.0620

# Conversions

## Conversions Part 2

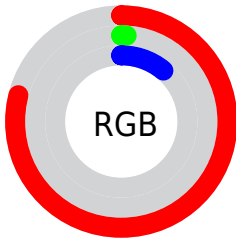
<b>Format</b>	<b>Color</b>
<b>RYB</b>	201, 3, 29
Decimal	13173533
CIELab	42.11, 67.05, 44.86
CIELCh	42, 80.669, 33.783
Yxy	12.5713, 0.6207, 0.3205
Android (android.graphics.Color)	4291363613 (0xFFC9031D)
YUV	65.1660, -17.8298, 119.1264
Hunter-Lab	35.4561, 60.4978, 20.9632

# Details

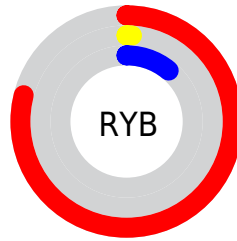
The Decimal color **13173533** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **248239**, and the grayscale version is **4276545**.

A 20% lighter version of the original color is **16733771**, and **8978432** is the 20% darker color. If you saturate the color by 10%, you get **13172762**, and if you desaturate by 10%, it is **13178670**.

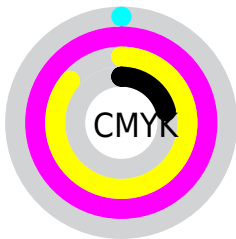
# Distribution



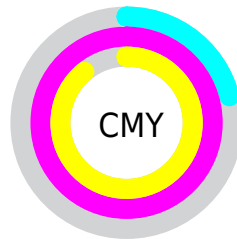
- Red (79%)
- Green (1%)
- Blue (11%)



- Red (79%)
- Yellow (1%)
- Blue (11%)



- Cyan (0%)
- Magenta (99%)
- Yellow (86%)
- Black (21%)






- Cyan (21%)
- Magenta (99%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13173533 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 13173533 by changing the saturation by 10% instead.



 13173533	 13173533
16777215	 11075590
 16733771	 8978432
 16741219	 6881280
 16748668	 4980739
 16756118	 2949121
 16763569	 0
 16771277	
 16777193	
 13173533	 13173533

■ 13172762

■ 13178670

■ 13183808

■ 13188945

■ 13194083

■ 13199476

■ 13204614

■ 13209751

■ 13214889

■ 13220026

# Harmonies

## Analogous

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



13762654



13173533



10897152

# Triad

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



13173533



31265



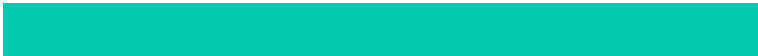
27627

# Complementary

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



13173533



248239

# 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.



31196



13173533



32106

# Square

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



13173533



2519808



32429



6507732

# Rectangle

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



13173533



8739840



32429



29162



# Sweetspot

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



13173533



16757693



11469769



8409688



0



8421504



# Same Dimension

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



13173533



16711713



13192195



6511195



10682389



2359301



# Inverse Universe

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



13173533



16711713



229577



6511195



10682389



2359301



# Previews

## White Background



This preview shows how the Decimal color 13173533 looks on a white background.

## Color Contrast Check

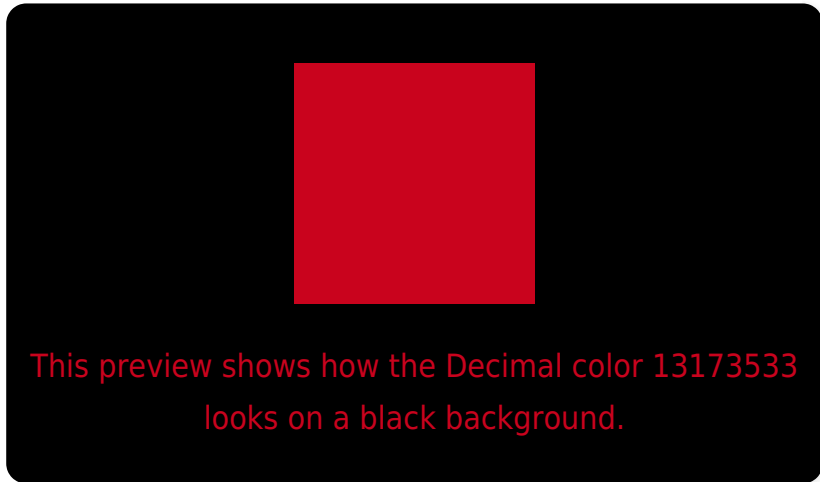
Large Text (above 18pt) WCAG AA ✓ Pass

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 13173533 Background



This preview shows how black text looks on a background with the Decimal color 13173533.



This preview shows how white text looks on a background with the Decimal color 13173533.

# 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**  
13173533

**Protanopia**  
7431728

**Deuteranopia**  
8413184



**Tritanopia**  
13111808

# Trichromacy



**Original Color**  
13173533

**Protanomaly**  
9519657

**Deuteranomaly**  
10173963

**Tritanomaly**  
13110539

# Monochromacy



**Original Color**  
13173533

**Achromatopsia**  
4276545

**Achromatomaly**  
7481908

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13173533 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 #C9031D looks like.

```
.text, #text, p{  
    color:#C9031D  
}
```

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 #C9031D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9031D
}
```

## Border

The CSS property to change the border of an element to Decimal 13173533 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".

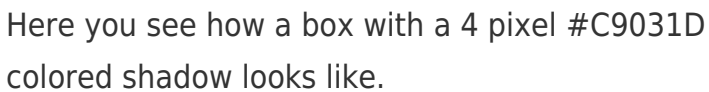
```
.border, #border, table{ border:4px solid
#C9031D }
```

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

```
.border{ border-color:#C9031D }
```

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

Here you see how a box with a 4 pixel #C9031D colored shadow looks like.

A rectangular box with a thick red border and a red drop shadow. The box is white and contains the text 'Here you see how a box with a 4 pixel #C9031D colored shadow looks like.' The shadow is a darker red and is positioned below and to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9031D; -webkit-box-shadow:4px 4px  
4px 4px #C9031D; box-shadow:4px 4px 4px  
4px #C9031D }
```

# Background

The CSS property to change the background color of an element to Decimal 13173533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9031D }
```

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

```
.background{ background-color:#C9031D }
```

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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