

# Converting Colors

Decimal(13181001)

Have a look what the booklet for  
Decimal(13181001) contains.

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# Color

**Decimal(13181001)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C92049
RGB	201, 32, 73
RGB Percent	79%, 13%, 29%
CMY	0.2118, 0.8745, 0.7137
CMYK	0.00, 0.84, 0.64, 0.21
HSL	345°, 73%, 46%
HSV	345°, 84%, 79%
XYZ	25.8065, 13.9316, 7.6322
YIQ	87.2050, 87.5630, 48.5790

# Conversions

## Conversions Part 2

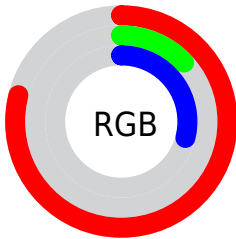
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 32, 73
Decimal	13181001
CIE Lab	44.13, 64.57, 21.22
CIE LCh	44, 67.963, 18.191
Yxy	13.9316, 0.5448, 0.2941
Android (android.graphics.Color)	4291371081 (0xFFC92049)
YUV	87.2050, -7.0031, 99.7982
Hunter-Lab	37.3250, 58.0961, 14.0039

# Details

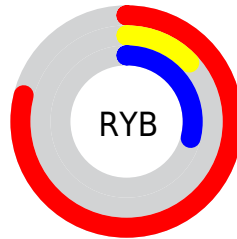
The Decimal color **13181001** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **2148768**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **16736633**, and **9109534** is the 20% darker color. If you saturate the color by 10%, you get **13175866**, and if you desaturate by 10%, it is **13186136**.

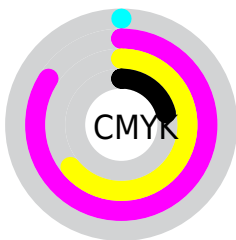
# Distribution



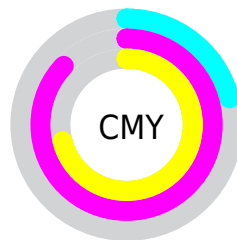
- Red (79%)
- Green (13%)
- Blue (29%)



- Red (79%)
- Yellow (13%)
- Blue (29%)



- Cyan (0%)
- Magenta (84%)
- Yellow (64%)
- Black (21%)



- Cyan (21%)
- Magenta (87%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13181001 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 13181001 by changing the saturation by 10% instead.



 13181001       13181001

16777215       11141171

 16736633       9109534

 16744083       7143430

 16751533       5177346

 16758985       3211266

 16766437       0

 16774143

 13181001       13181001

 13175866       13186136

■ 13172785

■ 13191271

■ 13196407

■ 13201542

■ 13206933

■ 13212068

■ 13217204

■ 13222339

■ 13227474

# Harmonies

## Analogous

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



12591745



13181001



12010000

# Triad

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



13181001



31245



30424

# Complementary

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



13181001



2148768

# 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.



32444



13181001



32591

# Square

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



13181001



6254592



33162



1205205

# Rectangle

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



13181001



10442240



33162



31442



# Sweetspot

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



13181001



16760783



10428617



8411491



0



8421504



# Same Dimension

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



13181001



16711742



13191712



6511196



10682408



2359305



# Inverse Universe

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



13181001



16711742



2138057



6511196



10682408



2359305



# Previews

## White Background



This preview shows how the Decimal color 13181001 looks on a white background.

## Color Contrast Check

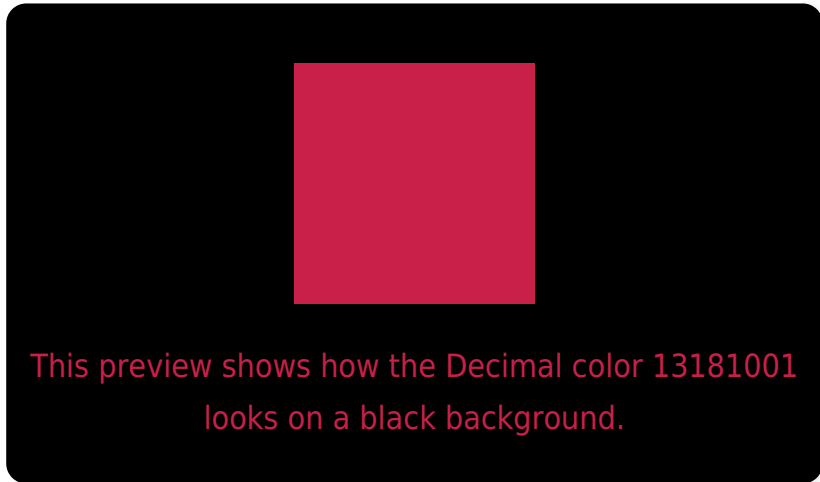
Large Text (above 18pt) WCAG AA ✓ Pass

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 13181001 Background



This preview shows how black text looks on a background with the Decimal color 13181001.



This preview shows how white text looks on a background with the Decimal color 13181001.

# 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**  
13181001

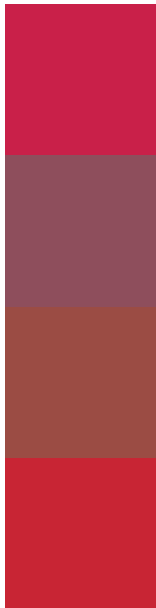
**Protanopia**  
7104871

**Deuteranopia**  
8414529



**Tritanopia**  
13117480

# Trichromacy



**Original Color**  
13181001

**Protanomaly**  
9326172

**Deuteranomaly**  
10177604

**Tritanomaly**  
13116724

# Monochromacy



**Original Color**  
13181001

**Achromatopsia**  
5723991

**Achromatomaly**  
8405842

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13181001 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 #C92049 looks like.

```
.text, #text, p{  
    color:#C92049  
}
```

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 #C92049 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C92049
}
```

## Border

The CSS property to change the border of an element to Decimal 13181001 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
#C92049 }
```

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

```
.border{ border-color:#C92049 }
```

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

Here you see how a box with a 4 pixel #C92049 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C92049; -webkit-box-shadow:4px 4px  
4px 4px #C92049; box-shadow:4px 4px 4px  
4px #C92049 }
```

# Background

The CSS property to change the background color of an element to Decimal 13181001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C92049 }
```

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

```
.background{ background-color:#C92049 }
```

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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