

# Converting Colors

Decimal(12849471)

Have a look what the booklet for  
Decimal(12849471) contains.

<b>Decimal(12849471)</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(12849471)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4113F
RGB	196, 17, 63
RGB Percent	77%, 7%, 25%
CMY	0.2314, 0.9333, 0.7529
CMYK	0.00, 0.91, 0.68, 0.23
HSL	345°, 84%, 42%
HSV	345°, 91%, 77%
XYZ	23.8626, 12.4955, 5.8568
YIQ	75.7650, 91.9180, 52.2540

# Conversions

## Conversions Part 2

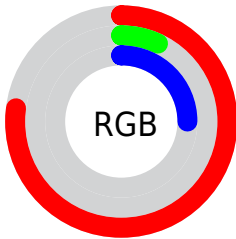
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 17, 63
Decimal	12849471
CIE <sub>Lab</sub>	41.99, 65.45, 24.49
CIE <sub>LCh</sub>	42, 69.887, 20.514
Yxy	12.4955, 0.5653, 0.2960
Android (android.graphics.Color)	4291039551 (0xFFC4113F)
YUV	75.7650, -6.2931, 105.4461
Hunter-Lab	35.3490, 58.6368, 14.9209

# Details

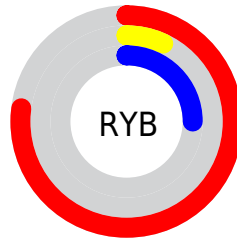
The Decimal color **12849471** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **1164438**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **16734574**, and **8781846** is the 20% darker color. If you saturate the color by 10%, you get **12845106**, and if you desaturate by 10%, it is **12854606**.

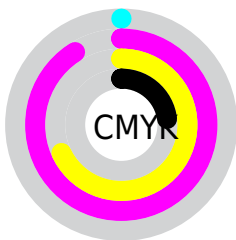
# Distribution



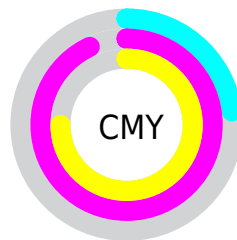
- Red (77%)
- Green (7%)
- Blue (25%)



- Red (77%)
- Yellow (7%)
- Blue (25%)



- Cyan (0%)
- Magenta (91%)
- Yellow (68%)
- Black (23%)



- Cyan (23%)
- Magenta (93%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12849471 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 12849471 by changing the saturation by 10% instead.



 12849471

 12849471

16777215

 10813481

 16734574

 8781846

 16742024

 6815744

 16749474

 4849667

 16756925

 2818049

 16764376

 0

 16772085

 12849471

 12849471

 12845106

 12854606

 12859484

 12864619

 12869497

 12874632

 12879766

 12884645

 12889780

 12894658

# Harmonies

## Analogous

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



12454776



12849471



11484416

# Triad

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



12849471



30216



28886

# Complementary

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



12849471



1164438

# 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.



31164



12849471



31310

# Square

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



12849471



5532672



31626



1727697

# Rectangle

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



12849471



9916928



31626



29905



# Sweetspot

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



12849471



16759500



9703876



8410977



0



8421504



# Same Dimension

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



12849471



16711746



12860177



6379354



10551337



2162697



# Inverse Universe

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



12849471



16711746



1153732



6379354



10551337



2162697



# Previews

## White Background



This preview shows how the Decimal color 12849471 looks on a white background.

## Color Contrast Check

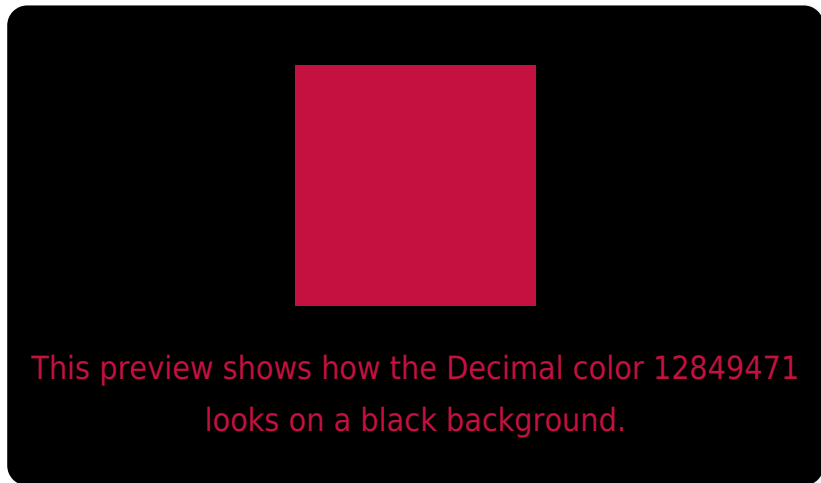
Large Text (above 18pt) WCAG AA ✓ Pass

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 12849471 Background



This preview shows how black text looks on a background with the Decimal color 12849471.



This preview shows how white text looks on a background with the Decimal color 12849471.

# 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



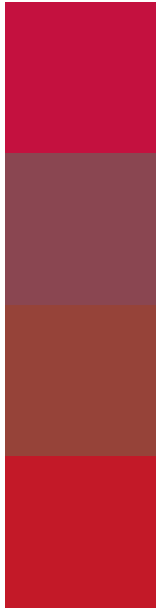
**Original Color**  
12849471

**Protanopia**  
6906972

**Deuteranopia**  
8085558



# Trichromacy



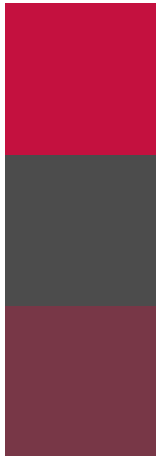
**Original Color**  
12849471

**Protanomaly**  
9061969

**Deuteranomaly**  
9847609

**Tritanomaly**  
12785960

# Monochromacy



**Original Color**  
12849471

**Achromatopsia**  
5000268

**Achromatomaly**  
7878471

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12849471 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 #C4113F looks like.

```
.text, #text, p{  
    color:#C4113F  
}
```

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 #C4113F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4113F
}
```

## Border

The CSS property to change the border of an element to Decimal 12849471 is called "border". The border property can be set on classes, ids or directly on the HTML element.

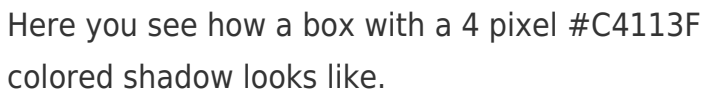
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C4113F }
```

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

```
.border{ border-color:#C4113F }
```

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



Here you see how a box with a 4 pixel `#C4113F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4113F; -webkit-box-shadow:4px 4px  
4px 4px #C4113F; box-shadow:4px 4px 4px  
4px #C4113F }
```

# Background

The CSS property to change the background color of an element to Decimal 12849471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4113F }
```

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

```
.background{ background-color:#C4113F }
```

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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