

# Converting Colors

Decimal(13041738)

Have a look what the booklet for  
Decimal(13041738) contains.

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**Color**

**Decimal(13041738)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7004A
RGB	199, 0, 74
RGB Percent	78%, 0%, 29%
CMY	0.2196, 1.0000, 0.7098
CMYK	0.00, 1.00, 0.63, 0.22
HSL	338°, 100%, 39%
HSV	338°, 100%, 78%
XYZ	24.7892, 12.6365, 7.6111
YIQ	67.9370, 94.8500, 65.2020

# Conversions

## Conversions Part 2

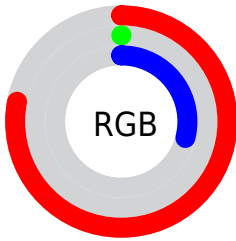
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 0, 74
Decimal	13041738
CIELab	42.21, 68.55, 17.98
CIElCh	42, 70.867, 14.694
Yxy	12.6365, 0.5504, 0.2806
Android (android.graphics.Color)	4291231818 (0xFFC7004A)
YUV	67.9370, 2.9891, 114.9423
Hunter-Lab	35.5479, 62.2676, 12.1890

# Details

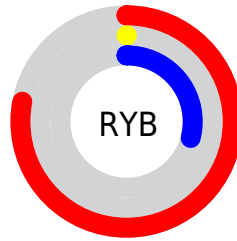
The Decimal color **13041738** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **51069**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **16733818**, and **8978463** is the 20% darker color. If you saturate the color by 10%, you get **13041738**, and if you desaturate by 10%, it is **13046870**.

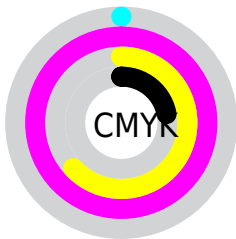
# Distribution



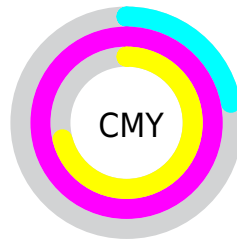
- Red (78%)
- Green (0%)
- Blue (29%)



- Red (78%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (63%)
- Black (22%)



- Cyan (22%)
- Magenta (100%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13041738 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 13041738 by changing the saturation by 10% instead.



 13041738

 13041738

16777215

 11010100

 16733818

 8978463

 16741268

 7012359

 16748974

 5046275

 16756426

 3014658

 16763878

 0

 16771583

 13041738

 13046870

 13052003

 13057135

 13062268

 13067400

 13072277

 13077410

 13082542

 13087675

# Harmonies

## Analogous

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



12194948



13041738



12006926

# Triad

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



13041738



29952



29654

# Complementary

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



13041738



51069

# 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.



31670



13041738



31298

# Square

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



13041738



6253056



31872



25302

# Rectangle

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



13041738



10505472



31872



30670



# Sweetspot

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



13041738



16757711



8061127



8409699



0



8421504



# Same Dimension

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



13041738



16711775



13047552



6511197



10682429



2359309



# Inverse Universe

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



13041738



16711775



45255



6511197



10682429



2359309



# Previews

## White Background



This preview shows how the Decimal color 13041738 looks on a white background.

## Color Contrast Check

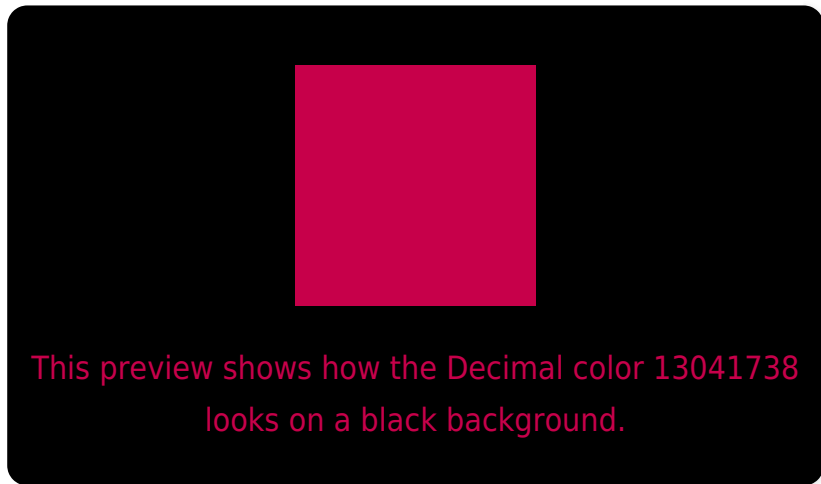
Large Text (above 18pt) WCAG AA ✓ Pass

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 13041738 Background



This preview shows how black text looks on a background with the Decimal color 13041738.



This preview shows how white text looks on a background with the Decimal color 13041738.

# 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**  
13041738

**Protanopia**  
6710636

**Deuteranopia**  
8085825



# Trichromacy



**Original Color**

13041738



**Protanomaly**

8994912



**Deuteranomaly**

9911876



**Tritanomaly**

12981036

# Monochromacy



**Original Color**

13041738



**Achromatopsia**

4473924



**Achromatomaly**

7613254

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13041738 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 #C7004A looks like.

```
.text, #text, p{  
  color:#C7004A  
}
```

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 #C7004A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7004A
}
```

## Border

The CSS property to change the border of an element to Decimal 13041738 is called "border". The border property can be set on classes, ids or directly on the HTML element.

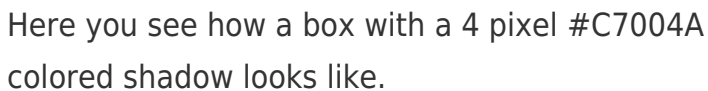
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C7004A }
```

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

```
.border{ border-color:#C7004A }
```

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



Here you see how a box with a 4 pixel `#C7004A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7004A; -webkit-box-shadow:4px 4px  
4px 4px #C7004A; box-shadow:4px 4px 4px  
4px #C7004A }
```

# Background

The CSS property to change the background color of an element to Decimal 13041738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7004A }
```

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

```
.background{ background-color:#C7004A }
```

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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