

# Converting Colors

Decimal(13067117)

Have a look what the booklet for  
Decimal(13067117) contains.

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# Color

**Decimal(13067117)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7636D
RGB	199, 99, 109
RGB Percent	78%, 39%, 43%
CMY	0.2196, 0.6118, 0.5725
CMYK	0.00, 0.50, 0.45, 0.22
HSL	354°, 47%, 58%
HSV	354°, 50%, 78%
XYZ	30.7753, 22.1699, 17.1252
YIQ	130.0400, 56.3900, 24.3100

# Conversions

## Conversions Part 2

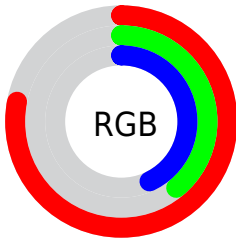
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 99, 109
Decimal	13067117
CIE <sub>Lab</sub>	54.21, 40.72, 13.09
CIE <sub>LCh</sub>	54, 42.776, 17.817
Yxy	22.1699, 0.4392, 0.3164
Android (android.graphics.Color)	4291257197 (0xFFC7636D)
YUV	130.0400, -10.3727, 60.4779
Hunter-Lab	47.0849, 34.2713, 11.3952

# Details

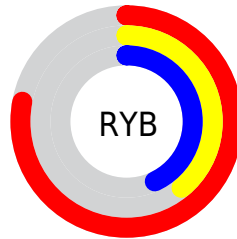
The Decimal color **13067117** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6539197**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **16750752**, and **9252926** is the 20% darker color. If you saturate the color by 10%, you get **13061979**, and if you desaturate by 10%, it is **13072255**.

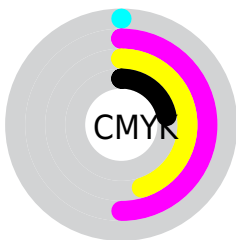
# Distribution



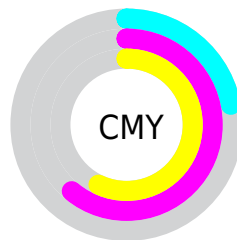
- Red (78%)
- Green (39%)
- Blue (43%)



- Red (78%)
- Yellow (39%)
- Blue (43%)



- Cyan (0%)
- Magenta (50%)
- Yellow (45%)
- Black (22%)



- Cyan (22%)
- Magenta (61%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13067117 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 13067117 by changing the saturation by 10% instead.



 13067117

 13067117

16777215

 11159893

 16750752

 9252926

 16757947

 7410728

 16765143

 5570580

 16772339

 3866624

 1900545

 0

 13067117

 13067117

 13061979

 13072255

■ 13056841

■ 13077393

■ 13051703

■ 13082531

■ 13046565

■ 13087669

■ 13041684

■ 13092807

■ 13097688

■ 13102826

■ 13107196

■ 13107199

# Harmonies

## Analogous

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



12477586



13067117



12414284

# Triad

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



13067117



5738318



35529

# Complementary

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



13067117



6539197

# 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.



37303



13067117



234353

# Square

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



13067117



8554040



38039



7044808

# Rectangle

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



13067117



11433533



38039



36293



# Sweetspot

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



13067117



16767453



12411847



8415595



0



8421504



# Same Dimension

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



13067117



16737909



13077347



6511194



10682384



2359300



# Inverse Universe

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



13067117



16737909



6528967



6511194



10682384



2359300



# Previews

## White Background



This preview shows how the Decimal color 13067117 looks on a white background.

## Color Contrast Check

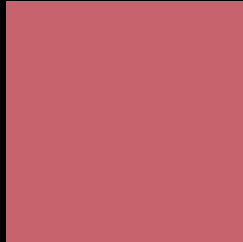
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 13067117 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13067117 Background



This preview shows how black text looks on a background with the Decimal color 13067117.



This preview shows how white text looks on a background with the Decimal color 13067117.

# 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**  
13067117

**Protanopia**  
8815229

**Deuteranopia**  
9928041



**Tritanopia**  
13067114

# Trichromacy



**Original Color**  
13067117

**Protanomaly**  
10385271

**Deuteranomaly**  
11039850

**Tritanomaly**  
13067115

# Monochromacy



**Original Color**  
13067117

**Achromatopsia**  
8553090

**Achromatomaly**  
10188666

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13067117 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 #C7636D looks like.

```
.text, #text, p{  
  color:#C7636D  
}
```

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 #C7636D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7636D
}
```

## Border

The CSS property to change the border of an element to Decimal 13067117 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".

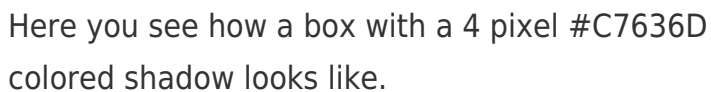
```
.border, #border, table{ border:4px solid
#C7636D }
```

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

```
.border{ border-color:#C7636D }
```

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

Here you see how a box with a 4 pixel #C7636D colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a thin red border on the top and left sides, and a thicker red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7636D; -webkit-box-shadow:4px 4px  
4px 4px #C7636D; box-shadow:4px 4px 4px  
4px #C7636D }
```

# Background

The CSS property to change the background color of an element to Decimal 13067117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7636D }
```

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

```
.background{ background-color:#C7636D }
```

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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