

# Converting Colors

Decimal(12863847)

Have a look what the booklet for  
Decimal(12863847) contains.

|  |    |
|--|----|
| <b>Decimal(12863847)</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(12863847)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C44967                     |
| RGB           | 196, 73, 103               |
| RGB Percent   | 77%, 29%, 40%              |
| CMY           | 0.2314, 0.7137, 0.5961     |
| CMYK          | 0.00, 0.63, 0.47, 0.23     |
| HSL           | 345°, 51%, 53%             |
| HSV           | 345°, 63%, 77%             |
| XYZ           | 27.5957, 17.4801, 14.7515  |
| YIQ           | 113.1970, 63.6780, 35.4060 |

# Conversions

## Conversions Part 2

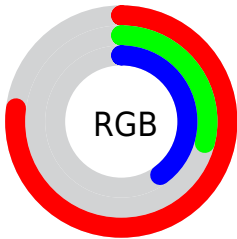
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 196, 73, 103                  |
| Decimal                             | 12863847                      |
| CIE Lab                             | 48.86, 51.52, 9.11            |
| CIE LCh                             | 49, 52.316, 10.024            |
| Yxy                                 | 17.4801, 0.4613,<br>0.2922    |
| Android<br>(android.graphics.Color) | 4291053927<br>(0xFFC44967)    |
| YUV                                 | 113.1970, -5.0271,<br>72.6182 |
| Hunter-Lab                          | 41.8092, 44.6506,<br>8.3472   |

# Details

The Decimal color **12863847** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **4834470**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **16744346**, and **8980280** is the 20% darker color. If you saturate the color by 10%, you get **12858712**, and if you desaturate by 10%, it is **12868982**.

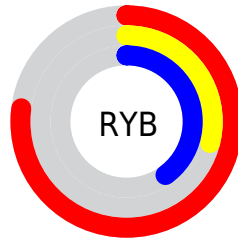
# Distribution



Red (77%)

Green (29%)

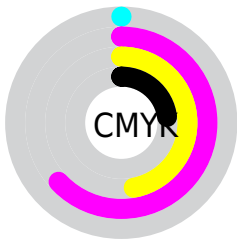
Blue (40%)



Red (77%)

Yellow (29%)

Blue (40%)

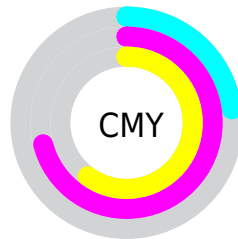


Cyan (0%)

Magenta (63%)

Yellow (47%)

Black (23%)



Cyan (23%)

Magenta (71%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12863847 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 12863847 by changing the saturation by 10% instead.



 12863847

 12863847

16777215

 10890575

 16744346

 8980280

 16751541

 7143459

 16758736

 5242894

 16766188

 3604482

 16773631

 589824

 0

 12863847

 12863847

 12858712

 12868982

 12853833

 12873861

 12848699

 12878995

 12845104

 12883874

 12889009

 12894144

 12899023

 12904158

 12909036

# Harmonies

## Analogous

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



11816851



12863847



12342589

# Triad

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



12863847



5013803



33223

# Complementary

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



12863847



4834470

# 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.



34732



12863847



34644

# Square

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



12863847



8222478



35202



3110092

# Rectangle

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



12863847



11362597



35202



33984



# Sweetspot

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



12863847



16764890



10832324



8413801



0



8421504



# Same Dimension

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



12863847



16728174



12871753



6379354



10551335



2162696



# Inverse Universe

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



12863847



16728174



4826564



6379354



10551335



2162696



# Previews

## White Background



This preview shows how the Decimal color 12863847 looks on a white background.

## Color Contrast Check

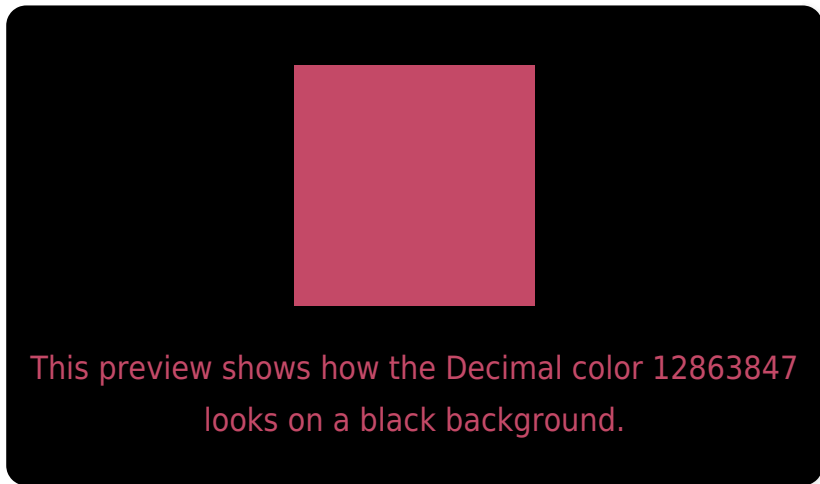
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 12863847 Background



This preview shows how black text looks on a background with the Decimal color 12863847.

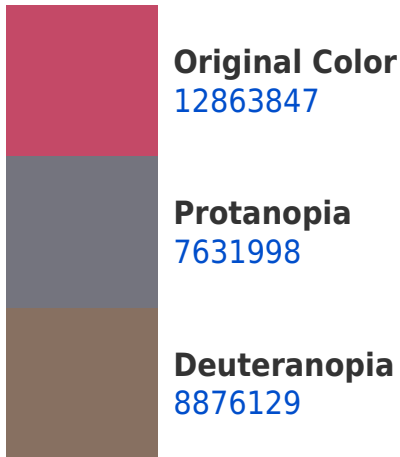


This preview shows how white text looks on a background with the Decimal color 12863847.

# 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





# Trichromacy



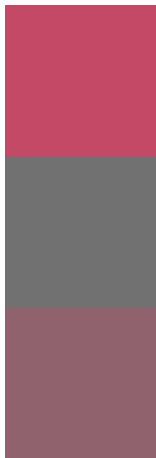
**Original Color**  
12863847

**Protanomaly**  
9528438

**Deuteranomaly**  
10314339

**Tritanomaly**  
12799066

# Monochromacy



**Original Color**  
12863847

**Achromatopsia**  
7434609

**Achromatomaly**  
9396845

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12863847 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 #C44967 looks like.

```
.text, #text, p{  
    color:#C44967  
}
```

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 #C44967 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C44967
}
```

## Border

The CSS property to change the border of an element to Decimal 12863847 is called "border". The border property can be set on classes, ids or directly on the HTML element.

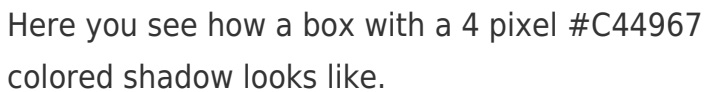
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C44967 }
```

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

```
.border{ border-color:#C44967 }
```

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



Here you see how a box with a 4 pixel `#C44967` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C44967; -webkit-box-shadow:4px 4px  
4px 4px #C44967; box-shadow:4px 4px 4px  
4px #C44967 }
```

# Background

The CSS property to change the background color of an element to Decimal 12863847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C44967 }
```

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

```
.background{ background-color:#C44967 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor