

Converting Colors

Decimal(12807031)

Have a look what the booklet for
Decimal(12807031) contains.

Decimal(12807031)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12807031)

Conversions

Conversions Part 1

Format	Color
Hex	C36B77
RGB	195, 107, 119
RGB Percent	76%, 42%, 47%
CMY	0.2353, 0.5804, 0.5333
CMYK	0.00, 0.45, 0.39, 0.24
HSL	352°, 42%, 59%
HSV	352°, 45%, 76%
XYZ	31.0931, 23.4494, 20.3402
YIQ	134.6800, 48.5960, 22.3880

Conversions

Conversions Part 2

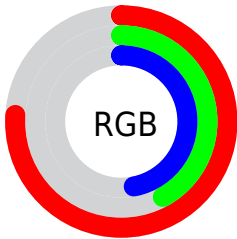
Format	Color
R_{YB}	195, 107, 119
Decimal	12807031
CIE Lab	55.53, 36.19, 9.00
CIE LCh	56, 37.292, 13.967
Yxy	23.4494, 0.4152, 0.3131
Android (android.graphics.Color)	4290997111 (0xFFC36B77)
YUV	134.6800, -7.7302, 52.9006
Hunter-Lab	48.4246, 29.8708, 8.9932

Details

The Decimal color **12807031** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **7062455**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **16687275**, and **9058631** is the 20% darker color. If you saturate the color by 10%, you get **12802150**, and if you desaturate by 10%, it is **12812168**.

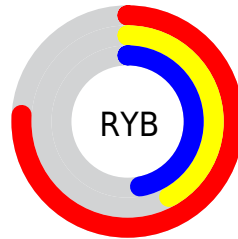
Distribution



Red (76%)

Green (42%)

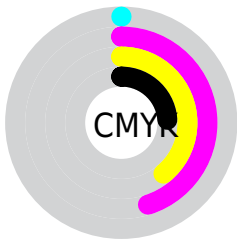
Blue (47%)



Red (76%)

Yellow (42%)

Blue (47%)

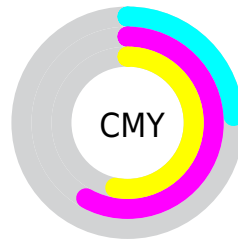


Cyan (0%)

Magenta (45%)

Yellow (39%)

Black (24%)



Cyan (24%)

Magenta (58%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12807031 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 12807031 by changing the saturation by 10% instead.

 12807031

 12807031

16777215

 10900062

 16687275

 9058631

 16760006

 7282481

 16767202

 5505564

 16774399

 3866624

 2031617

 0

 12807031

 12807031

 12802150

 12812168

 12797013

 12817049

 12792132

 12822186

 12786996

 12827066

 12782115

 12832203

 12779547

 12837084

 12841965

 12845054

 12845055

Harmonies

Analogous

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



12086680



12807031



12350042

Triad

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



12807031



6721621



2461123

Complementary

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



12807031



7062455

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.



38065



12807031



3708274

Square

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



12807031



9078853



38548



7177156

Rectangle

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



12807031



11565387



38548



37054

Sweetspot

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



12807031



16570846



11955139



8415853



0



8421504

Same Dimension

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



12807031



16544903



12814955



6379353



10551318



2162693

Inverse Universe

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



12807031



16544903



7054531



6379353



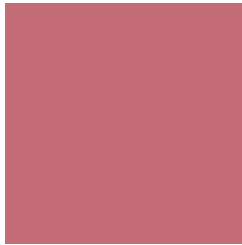
10551318



2162693

Previews

White Background



This preview shows how the Decimal color 12807031 looks on a white background.

Color Contrast Check

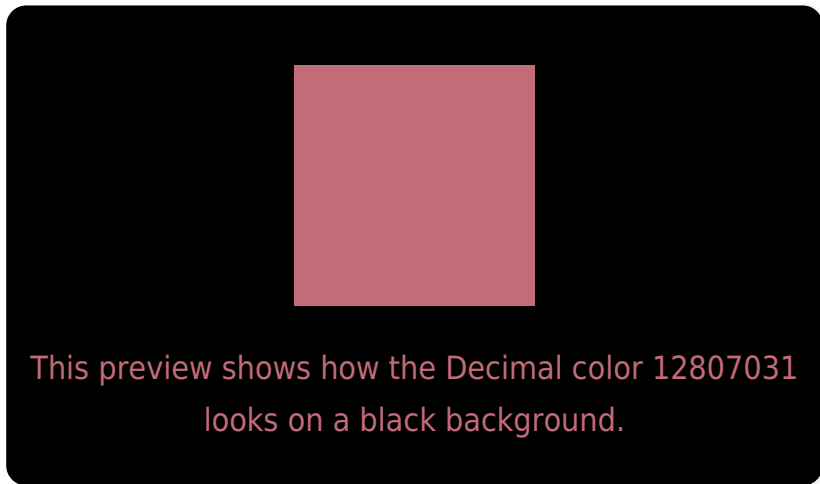
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 12807031 Background



This preview shows how black text looks on a background with the Decimal color 12807031.



This preview shows how white text looks on a background with the Decimal color 12807031.

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
12807031

Protanomaly
10321024

Deuteranomaly
11041140

Tritanomaly
12807284

Monochromacy



Original Color
12807031

Achromatopsia
8882055

Achromatomaly
10321281

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12807031 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 #C36B77 looks like.

```
.text, #text, p{  
  color:#C36B77  
}
```

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 #C36B77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C36B77
}
```

Border

The CSS property to change the border of an element to Decimal 12807031 is called "border". The border property can be set on classes, ids or directly on the HTML element.

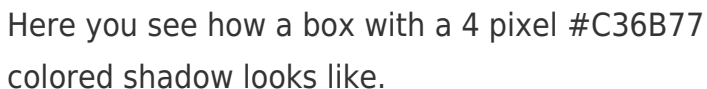
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C36B77 }
```

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

```
.border{ border-color:#C36B77 }
```

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

A rectangular box with a 4px red shadow. The box is white with a thin red border. The shadow is a darker red color, extending 4 pixels to the right and 4 pixels down from the bottom-right corner of the box.

Here you see how a box with a 4 pixel `#C36B77` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C36B77; -webkit-box-shadow:4px 4px  
4px 4px #C36B77; box-shadow:4px 4px 4px  
4px #C36B77 }
```

Background

The CSS property to change the background color of an element to Decimal 12807031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C36B77 }
```

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

```
.background{ background-color:#C36B77 }
```

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