

# Converting Colors

Decimal(13073016)

Have a look what the booklet for  
Decimal(13073016) contains.

<b>Decimal(13073016)</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(13073016)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C77A78
RGB	199, 122, 120
RGB Percent	78%, 48%, 47%
CMY	0.2196, 0.5216, 0.5294
CMYK	0.00, 0.39, 0.40, 0.22
HSL	2°, 41%, 63%
HSV	2°, 40%, 78%
XYZ	33.9029, 27.4172, 21.2745
YIQ	144.7950, 46.5340, 15.7020

# Conversions

## Conversions Part 2

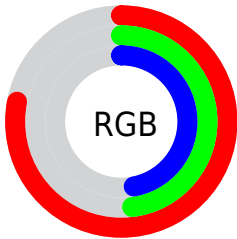
Format	Color
<a href="#">RYB</a>	<a href="#">199, 122, 120</a>
Decimal	<a href="#">13073016</a>
CIELab	<a href="#">59.36, 29.78, 13.87</a>
CIElCh	<a href="#">59, 32.850, 24.982</a>
Yxy	<a href="#">27.4172, 0.4105, 0.3319</a>
Android (android.graphics.Color)	<a href="#">4291263096</a> ( <a href="#">0xFFC77A78</a> )
YUV	<a href="#">144.7950, -12.2239, 47.5378</a>
Hunter-Lab	<a href="#">52.3615, 23.9422, 12.5635</a>

# Details

The Decimal color **13073016** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **7914951**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **16756652**, and **9324616** is the 20% darker color. If you saturate the color by 10%, you get **13068132**, and if you desaturate by 10%, it is **13077900**.

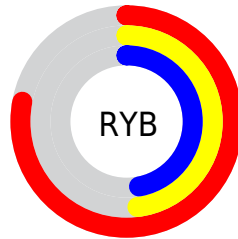
# Distribution



Red (78%)

Green (48%)

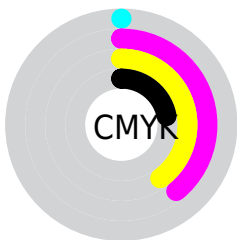
Blue (47%)



Red (78%)

Yellow (48%)

Blue (47%)

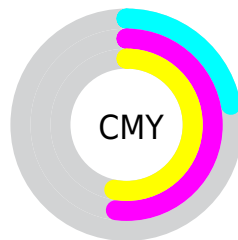


Cyan (0%)

Magenta (39%)

Yellow (40%)

Black (22%)



Cyan (22%)

Magenta (52%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13073016 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 13073016 by changing the saturation by 10% instead.



 13073016

 13073016

16777215

 11166047

 16756652

 9324616

 16763848

 7548977

 16771044

 5773340

 4128770

 2621441

 0

 13073016

 13073016

 13068132

 13077900

 13062992

 13083040

 13058108

 13087924

 13052968

 13093064

 13048085

 13097948

 13043201

 13102831

 13042944

 13107199

# Harmonies

## Analogous

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



12810645



13073016



12354145

# Triad

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



13073016



6855533



6132680

# Complementary

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



13073016



7914951

# 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.



2726589



13073016



4300425

# Square

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



13073016



9016666



1679014



9144771

# Rectangle

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



13073016



11503703



1679014



5019334

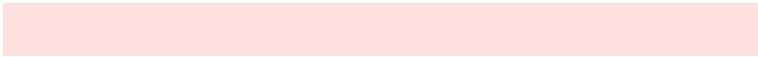


# Sweetspot

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



13073016



16769504



13072582



8416878



0



8421504



# Same Dimension

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



13073016



16746629



13083000



6511194



10683392



2359552



# Inverse Universe

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



7914951



8781055



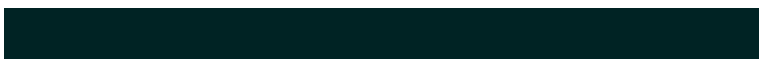
7904967



5923683



40867



8996



# Previews

## White Background



This preview shows how the Decimal color 13073016 looks on a white background.

## Color Contrast Check

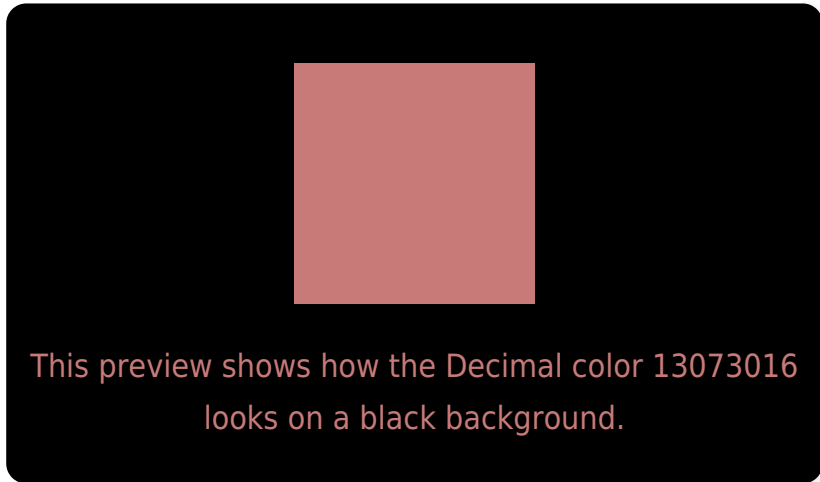
Large Text (above 18pt) WCAG AA ✓ Pass

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 13073016 Background



This preview shows how black text looks on a background with the Decimal color 13073016.




This preview shows how white text looks on a background with the Decimal color 13073016.

# 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





**Tritanopia**  
13138305

# Trichromacy



**Original Color**  
13073016

**Protanomaly**  
10979199

**Deuteranomaly**  
11699318

**Tritanomaly**  
13138302

# Monochromacy



**Original Color**  
13073016

**Achromatopsia**  
9539985

**Achromatomaly**  
10848648

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13073016 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 #C77A78 looks like.

```
.text, #text, p{  
    color:#C77A78  
}
```

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 #C77A78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C77A78
}
```

## Border

The CSS property to change the border of an element to Decimal 13073016 is called "border". The border property can be set on classes, ids or directly on the HTML element.

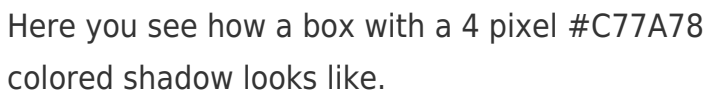
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C77A78 }
```

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

```
.border{ border-color:#C77A78 }
```

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 from the bottom and right edges of the box.

Here you see how a box with a 4 pixel `#C77A78` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C77A78; -webkit-box-shadow:4px 4px  
4px 4px #C77A78; box-shadow:4px 4px 4px  
4px #C77A78 }
```

# Background

The CSS property to change the background color of an element to Decimal 13073016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C77A78 }
```

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

```
.background{ background-color:#C77A78 }
```

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