

# Converting Colors

Decimal(13009782)

Have a look what the booklet for  
Decimal(13009782) contains.

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# **Color**

**Decimal(13009782)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C68376
RGB	198, 131, 118
RGB Percent	78%, 51%, 46%
CMY	0.2235, 0.4863, 0.5373
CMYK	0.00, 0.34, 0.40, 0.22
HSL	10°, 41%, 62%
HSV	10°, 40%, 78%
XYZ	34.6750, 29.5464, 21.0150
YIQ	149.5510, 44.1050, 10.1610

# Conversions

## Conversions Part 2

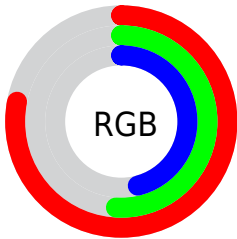
Format	Color
<a href="#">RYB</a>	<a href="#">198, 134, 118</a>
Decimal	<a href="#">13009782</a>
CIELab	<a href="#">61.26, 24.25, 17.63</a>
CIElCh	<a href="#">61, 29.979, 36.015</a>
Yxy	<a href="#">29.5464, 0.4068, 0.3466</a>
Android (android.graphics.Color)	<a href="#">4291199862 (0xFFC68376)</a>
YUV	<a href="#">149.5510, -15.5546, 42.4898</a>
Hunter-Lab	<a href="#">54.3566, 18.7443, 15.1273</a>

# Details

The Decimal color **13009782** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **7780806**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **16758954**, and **9326918** is the 20% darker color. If you saturate the color by 10%, you get **13005410**, and if you desaturate by 10%, it is **13014154**.

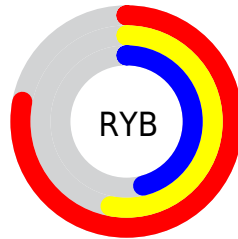
# Distribution



Red (78%)

Green (51%)

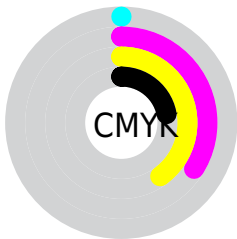
Blue (46%)



Red (78%)

Yellow (53%)

Blue (46%)

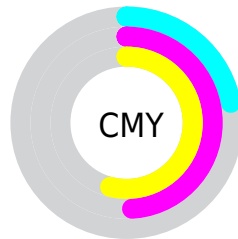


Cyan (0%)

Magenta (34%)

Yellow (40%)

Black (22%)



Cyan (22%)

Magenta (49%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13009782 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 13009782 by changing the saturation by 10% instead.



 13009782

 13009782

16777215

 11168093

 16758954

 9326918

 16766149

 7551279

 16773601

 5775898

16777214

 4131584

 2621440

 0

 13009782

 13009782

 13005410

 13014154

 13001294

 13018270

 12996923

 13022641

 12992807

 13026757

 12988435

 13031129

 12984320

 13035245

 13039615

 13041663

# Harmonies

## Analogous

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



13074575



13009782



12094308

# Triad

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



13009782



6660221



7902664

# Complementary

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



13009782



7780806

# 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.



5217476



13009782



4629144

# Square

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



13009782



8690792



3645874



10390463

# Rectangle

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



13009782



11112799



3645874



6985672



# Sweetspot

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



13009782



16770528



13006522



8417646



0



8421504



# Same Dimension

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



13009782



16750725



13019766



6511450



10689280



2360832

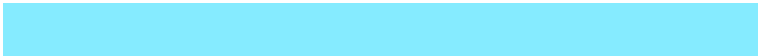


# Inverse Universe

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



7780806



8776703



7770822



5923427



35235



7716



# Previews

## White Background



This preview shows how the Decimal color 13009782 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 13009782 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 13009782 Background



This preview shows how black text looks on a background with the Decimal color 13009782.



This preview shows how white text looks on a background with the Decimal color 13009782.

# 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**  
13009782

**Protanopia**  
10261630

**Deuteranopia**  
11374196



**Tritanopia**  
13140106

# Trichromacy



**Original Color**  
13009782

**Protanomaly**  
11243131

**Deuteranomaly**  
11962997

**Tritanomaly**  
13074819

# Monochromacy



**Original Color**  
13009782

**Achromatopsia**  
9868950

**Achromatomaly**  
10981258

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13009782 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 #C68376 looks like.

```
.text, #text, p{  
    color:#C68376  
}
```

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 #C68376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C68376
}
```

## Border

The CSS property to change the border of an element to Decimal 13009782 is called "border". The border property can be set on classes, ids or directly on the HTML element.

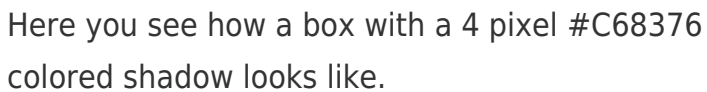
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C68376 }
```

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

```
.border{ border-color:#C68376 }
```

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



Here you see how a box with a 4 pixel #C68376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C68376; -webkit-box-shadow:4px 4px  
4px 4px #C68376; box-shadow:4px 4px 4px  
4px #C68376 }
```

# Background

The CSS property to change the background color of an element to Decimal 13009782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C68376 }
```

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

```
.background{ background-color:#C68376 }
```

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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