

# Converting Colors

Decimal(13748700)

Have a look what the booklet for  
Decimal(13748700) contains.

<b>Decimal(13748700)</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(13748700)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1C9DC
RGB	209, 201, 220
RGB Percent	82%, 79%, 86%
CMY	0.1804, 0.2118, 0.1373
CMYK	0.05, 0.09, 0.00, 0.14
HSL	265°, 21%, 83%
HSV	265°, 9%, 86%
XYZ	60.0994, 60.4959, 76.2194
YIQ	205.5580, -1.3310, 7.6050

# Conversions

## Conversions Part 2

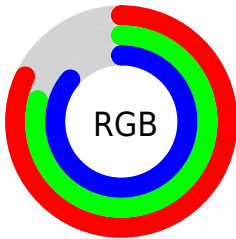
Format	Color
R <sub>YB</sub>	209, 201, 220
Decimal	13748700
CIE Lab	82.11, 6.28, -8.43
CIE LCh	82, 10.513, 306.678
Yxy	60.4959, 0.3054, 0.3074
Android (android.graphics.Color)	4291938780 (0xFFD1C9DC)
YUV	205.5580, 7.1199, 3.0186
Hunter-Lab	77.7791, 1.8123, -3.6557

# Details

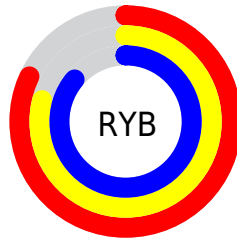
The Decimal color **13748700** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **13950153**, and the grayscale version is **13487565**.

A 20% lighter version of the original color is **16777215**, and **10195877** is the 20% darker color. If you saturate the color by 10%, you get **12891100**, and if you desaturate by 10%, it is **14606300**.

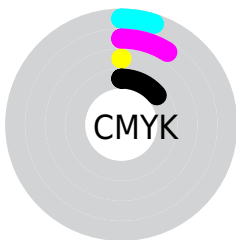
# Distribution



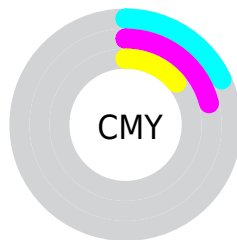
- Red (82%)
- Green (79%)
- Blue (86%)



- Red (82%)
- Yellow (79%)
- Blue (86%)



- Cyan (5%)
- Magenta (9%)
- Yellow (0%)
- Black (14%)



- Cyan (18%)
- Magenta (21%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13748700 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 13748700 by changing the saturation by 10% instead.



■ 13748700

16777215

■ 13748700

■ 11906752

■ 10195877

■ 8485259

■ 6775153

■ 5196121

■ 3682881

■ 2301227

■ 918551

■ 0

13748700

13748700

12891100

14606300

12099036

15398364

11241436

16252892

10383836

16777180

9526236

8734172

7876572

7018972

6161372

# Harmonies

## Analogous

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



12963040



13748700



14403540

# Triad

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



13748700



14469562



11915982

# Complementary

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



13748700



13950153

# 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.



12374468



13748700



13814969

# Square

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



13748700



14796737



13094844



11850200

# Rectangle

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



13748700



14730958



13094844



12047051

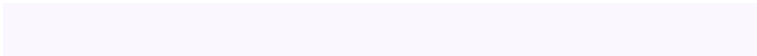


# Sweetspot

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



13748700



16513023



13227228



8223360



0



8421504



# Same Dimension

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



13748700



15787775



14338524



6775662



4784301



1245230



# Inverse Universe

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



14469588



16770804



13360329



7234409



11337828



3014683



# Previews

## White Background



This preview shows how the Decimal color 13748700 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 13748700 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

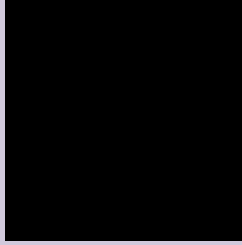
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

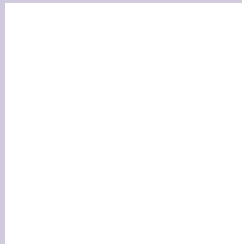
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13748700 Background



This preview shows how black text looks on a background with the Decimal color 13748700.



This preview shows how white text looks on a background with the Decimal color 13748700.

# 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**  
13748700

**Protanopia**  
13355997

**Deuteranopia**  
14272221



**Tritanopia**  
13748697

# Trichromacy



**Original Color**  
13748700

**Protanomaly**  
13486813

**Deuteranomaly**  
14075869

**Tritanomaly**  
13748698

# Monochromacy



**Original Color**  
13748700

**Achromatopsia**  
13553358

**Achromatomaly**  
13618387

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13748700 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 #D1C9DC looks like.

```
.text, #text, p{  
    color:#D1C9DC  
}
```

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 #D1C9DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1C9DC
}
```

## Border

The CSS property to change the border of an element to Decimal 13748700 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
#D1C9DC }
```

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

```
.border{ border-color:#D1C9DC }
```

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

Here you see how a box with a 4 pixel #D1C9DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1C9DC; -webkit-box-shadow:4px 4px  
4px 4px #D1C9DC; box-shadow:4px 4px 4px  
4px #D1C9DC }
```

# Background

The CSS property to change the background color of an element to Decimal 13748700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1C9DC }
```

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

```
.background{ background-color:#D1C9DC }
```

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