

# Converting Colors

Decimal(13421018)

Have a look what the booklet for  
Decimal(13421018) contains.

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# **Color**

**Decimal(13421018)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCC9DA
RGB	204, 201, 218
RGB Percent	80%, 79%, 85%
CMY	0.2000, 0.2118, 0.1451
CMYK	0.06, 0.08, 0.00, 0.15
HSL	251°, 19%, 82%
HSV	251°, 8%, 85%
XYZ	58.4434, 59.6726, 74.7673
YIQ	203.8350, -3.6690, 5.9230

# Conversions

## Conversions Part 2

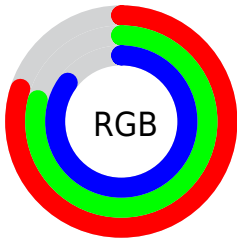
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	204, 201, 218
Decimal	13421018
CIE Lab	81.66, 4.23, -8.07
CIE LCh	82, 9.109, 297.659
Yxy	59.6726, 0.3030, 0.3094
Android (android.graphics.Color)	4291611098 (0xFFCCC9DA)
YUV	203.8350, 6.9833, 0.1447
Hunter-Lab	77.2481, -0.1368, -3.3123

# Details

The Decimal color **13421018** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **14146249**, and the grayscale version is **13421772**.

A 20% lighter version of the original color is **16777215**, and **9868195** is the 20% darker color. If you saturate the color by 10%, you get **12235738**, and if you desaturate by 10%, it is **14606298**.

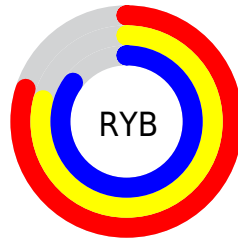
# Distribution



Red (80%)

Green (79%)

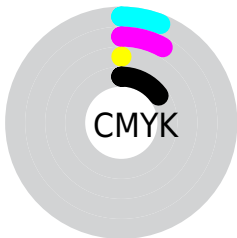
Blue (85%)



Red (80%)

Yellow (79%)

Blue (85%)

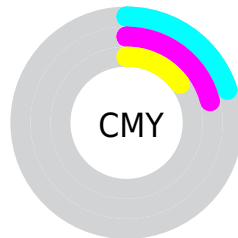


Cyan (6%)

Magenta (8%)

Yellow (0%)

Black (15%)



Cyan (20%)

Magenta (21%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13421018 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 13421018 by changing the saturation by 10% instead.



■ 13421018

16777215

■ 13421018

■ 11644606

■ 9868195

■ 8157577

■ 6513007

■ 4933975

■ 3420736

■ 2039082

■ 525334

■ 0

■ 13421018

■ 13421018

■ 12235738

■ 14606298

■ 11050458

■ 15791578

■ 9865434

■ 16777178

■ 8680154

■ 7494874

■ 6309594

■ 5124314

■ 3939290

■ 2754010

# Harmonies

## Analogous

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



12766428



13421018



14075860

# Triad

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



13421018



14337981



12112074

# Complementary

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



13421018



14146249

# 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.



12636098



13421018



13879994

# Square

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



13421018



14599875



13225404



11981010

# Rectangle

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



13421018



14337743



13225404



12243143



# Sweetspot

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



13421018



16513791



13227994



8224128



0



8421504



# Same Dimension

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



13421018



15526143



13945306



6644590



2031789



524334



# Inverse Universe

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



14338519



16771323



13621961



7234412



11337871

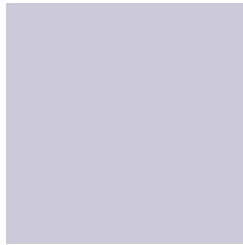


3014694



# Previews

## White Background



This preview shows how the Decimal color 13421018 looks on a white background.

## Color Contrast Check

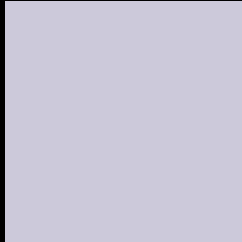
Large Text (above 18pt) WCAG AA × Fail

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 13421018 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

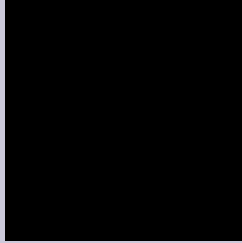
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

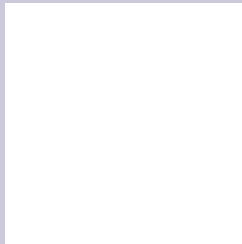
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13421018 Background



This preview shows how black text looks on a background with the Decimal color 13421018.



This preview shows how white text looks on a background with the Decimal color 13421018.

# 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**  
13421017

# Trichromacy



**Original Color**  
13421018

**Protanomaly**  
13355738

**Deuteranomaly**  
13879003

**Tritanomaly**  
13421017

# Monochromacy



**Original Color**  
13421018

**Achromatopsia**  
13421772

**Achromatomaly**  
13421521

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13421018 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 #CCC9DA looks like.

```
.text, #text, p{  
    color:#CCC9DA  
}
```

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 #CCC9DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCC9DA
}
```

## Border

The CSS property to change the border of an element to Decimal 13421018 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
#CCC9DA }
```

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

```
.border{ border-color:#CCC9DA }
```

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

Here you see how a box with a 4 pixel #CCC9DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCC9DA; -webkit-box-shadow:4px 4px  
4px 4px #CCC9DA; box-shadow:4px 4px 4px  
4px #CCC9DA }
```

# Background

The CSS property to change the background color of an element to Decimal 13421018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCC9DA }
```

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

```
.background{ background-color:#CCC9DA }
```

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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