

# Converting Colors

Decimal(13024986)

Have a look what the booklet for  
Decimal(13024986) contains.

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# **Color**

**Decimal(13024986)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6BEDA
RGB	198, 190, 218
RGB Percent	78%, 75%, 85%
CMY	0.2235, 0.2549, 0.1451
CMYK	0.09, 0.13, 0.00, 0.15
HSL	257°, 27%, 80%
HSV	257°, 13%, 85%
XYZ	54.3570, 53.8946, 73.8674
YIQ	195.5840, -4.2200, 10.4040

# Conversions

## Conversions Part 2

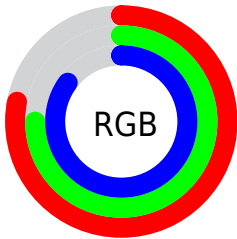
Format	Color
<a href="#">RYB</a>	<a href="#">198, 190, 218</a>
Decimal	<a href="#">13024986</a>
CIELab	<a href="#">78.40, 8.13, -12.98</a>
CIELCh	<a href="#">78, 15.313, 302.063</a>
Yxy	<a href="#">53.8946, 0.2985, 0.2959</a>
Android (android.graphics.Color)	<a href="#">4291215066</a> ( <a href="#">0xFFC6BEDA</a> )
YUV	<a href="#">195.5840, 11.0511, 2.1188</a>
Hunter-Lab	<a href="#">73.4130, 3.6938, -8.2680</a>

# Details

The Decimal color **13024986** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **13818558**, and the grayscale version is **12829635**.

A 20% lighter version of the original color is **16774911**, and **9472419** is the 20% darker color. If you saturate the color by 10%, you get **11970778**, and if you desaturate by 10%, it is **14079194**.

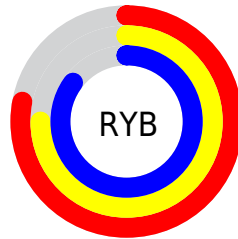
# Distribution



Red (78%)

Green (75%)

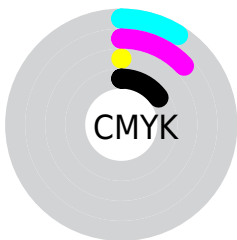
Blue (85%)



Red (78%)

Yellow (75%)

Blue (85%)

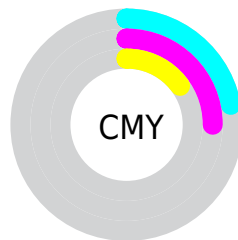


Cyan (9%)

Magenta (13%)

Yellow (0%)

Black (15%)



Cyan (22%)

Magenta (25%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13024986 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 13024986 by changing the saturation by 10% instead.



■ 13024986

■ 13024986

16777215

■ 11248574

■ 16774911

■ 9472419

■ 7761801

■ 6182767

■ 4603991

■ 3091008

■ 1709354

■ 21

■ 0

13024986

13024986

11970778

14079194

10982106

15067866

9928154

16121818

8939482

16777178

7885274

6896602

5842394

4788442

4063450

# Harmonies

## Analogous

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



11846622



13024986



14072528

# Triad

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



13024986



14269865



10603202

# Complementary

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



13024986



13818558

# 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.



11389364



13024986



13484454

# Square

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



13024986



14727603



12437162



10341072

# Rectangle

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



13024986



14531014



12437162



10799806



# Sweetspot

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



13024986



16315903



12505818



8092032



0



8421504



# Same Dimension

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



13024986



14998015



13942490



6710126



3276973



852014



# Inverse Universe

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



14335698



16767476



12901054



7234411



11337852



3014689



# Previews

## White Background



This preview shows how the Decimal color 13024986 looks on a white background.

## Color Contrast Check

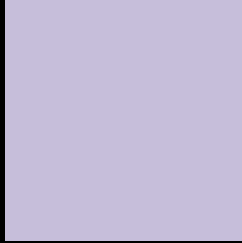
Large Text (above 18pt) WCAG AA × Fail

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 13024986 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

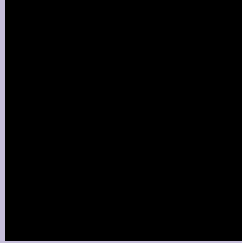
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13024986 Background



This preview shows how black text looks on a background with the Decimal color 13024986.



This preview shows how white text looks on a background with the Decimal color 13024986.

# 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**  
13024986

**Protanopia**  
12501212

**Deuteranopia**  
13221338



**Tritanopia**  
12894415

# Trichromacy



**Original Color**  
13024986

**Protanomaly**  
12697563

**Deuteranomaly**  
13155802

**Tritanomaly**  
12959699

# Monochromacy



**Original Color**  
13024986

**Achromatopsia**  
12895428

**Achromatomaly**  
12960460

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13024986 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 #C6BEDA looks like.

```
.text, #text, p{  
  color:#C6BEDA  
}
```

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 #C6BEDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6BEDA
}
```

## Border

The CSS property to change the border of an element to Decimal 13024986 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
#C6BEDA }
```

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

```
.border{ border-color:#C6BEDA }
```

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

Here you see how a box with a 4 pixel #C6BEDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6BEDA; -webkit-box-shadow:4px 4px  
4px 4px #C6BEDA; box-shadow:4px 4px 4px  
4px #C6BEDA }
```

# Background

The CSS property to change the background color of an element to Decimal 13024986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6BEDA }
```

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

```
.background{ background-color:#C6BEDA }
```

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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