

# Converting Colors

Decimal(12893420)

Have a look what the booklet for  
Decimal(12893420) contains.

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# **Color**

**Decimal(12893420)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4BCEC
RGB	196, 188, 236
RGB Percent	77%, 74%, 93%
CMY	0.2314, 0.2627, 0.0745
CMYK	0.17, 0.20, 0.00, 0.07
HSL	250°, 56%, 83%
HSV	250°, 20%, 93%
XYZ	55.8885, 53.7583, 86.7876
YIQ	195.8640, -10.6400, 16.6240

# Conversions

## Conversions Part 2

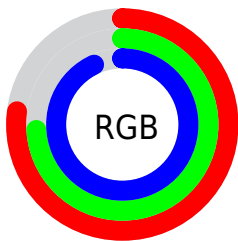
Format	Color
R <sub>Y</sub> B	196, 188, 236
Decimal	12893420
CIE Lab	78.32, 12.33, -22.82
CIE LCh	78, 25.935, 298.395
Yxy	53.7583, 0.2845, 0.2737
Android (android.graphics.Color)	4291083500 (0xFFC4BCEC)
YUV	195.8640, 19.7870, 0.1193
Hunter-Lab	73.3201, 7.7521, -18.8564

# Details

The Decimal color **12893420** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **15002812**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **16643327**, and **9340852** is the 20% darker color. If you saturate the color by 10%, you get **11576556**, and if you desaturate by 10%, it is **14210284**.

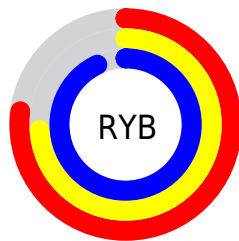
# Distribution



Red (77%)

Green (74%)

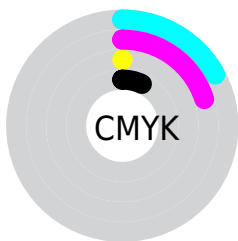
Blue (93%)



Red (77%)

Yellow (74%)

Blue (93%)

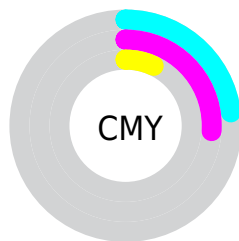


Cyan (17%)

Magenta (20%)

Yellow (0%)

Black (7%)



Cyan (23%)

Magenta (26%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12893420 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 12893420 by changing the saturation by 10% instead.



 12893420

 12893420

16777215

 11117008

 16643327

 9340852

 7630233

 5985663

 4341350

 2828366

 1315895

 33

 7

■ 12893420

■ 12893420

■ 11576556

■ 14210284

■ 10325484

■ 15461356

■ 9008620

■ 16777196

■ 7692012

■ 6440684

■ 5123820

■ 3807212

■ 2556140

# Harmonies

## Analogous

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



10732785



12893420



14726363

# Triad

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



12893420



15317146



8966080

# Complementary

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



12893420



15002812

# 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.



10538408



12893420



14008466

# Square

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



12893420



15970988



12306327



8179672

# Rectangle

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



12893420



15512012



12306327



9424823



# Sweetspot

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



12893420



15921407



12379372



7894912



0



8421504



# Same Dimension

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



12893420



13419263



14466284



7105141



1966261



589878



# Inverse Universe

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



15514852



16761589



13429948



7694963



11862167

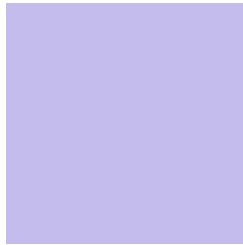


3538989



# Previews

## White Background



This preview shows how the Decimal color 12893420 looks on a white background.

## Color Contrast Check

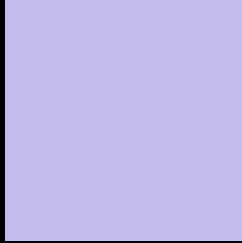
Large Text (above 18pt) WCAG AA × Fail

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 12893420 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

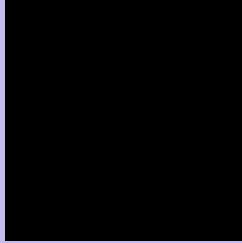
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12893420 Background



This preview shows how black text looks on a background with the Decimal color 12893420.



This preview shows how white text looks on a background with the Decimal color 12893420.

# 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](#).

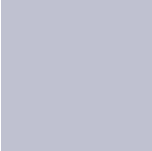
## Dichromacy



**Original Color**  
12893420

**Protanopia**  
12042479

**Deuteranopia**  
12566252



**Tritanopia**  
12566992

# Trichromacy



**Original Color**  
12893420

**Protanomaly**  
12369902

**Deuteranomaly**  
12697068

**Tritanomaly**  
12697562

# Monochromacy



**Original Color**  
12893420

**Achromatopsia**  
12895428

**Achromatomaly**  
12894675

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12893420 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 #C4BCEC looks like.

```
.text, #text, p{  
  color:#C4BCEC  
}
```

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 #C4BCEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4BCEC
}
```

## Border

The CSS property to change the border of an element to Decimal 12893420 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
#C4BCEC }
```

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

```
.border{ border-color:#C4BCEC }
```

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

Here you see how a box with a 4 pixel #C4BCEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4BCEC; -webkit-box-shadow:4px 4px  
4px 4px #C4BCEC; box-shadow:4px 4px 4px  
4px #C4BCEC }
```

# Background

The CSS property to change the background color of an element to Decimal 12893420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4BCEC }
```

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

```
.background{ background-color:#C4BCEC }
```

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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