

# Converting Colors

Decimal(12957683)

Have a look what the booklet for  
Decimal(12957683) contains.

<b>Decimal(12957683)</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(12957683)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5B7F3
RGB	197, 183, 243
RGB Percent	77%, 72%, 95%
CMY	0.2275, 0.2824, 0.0471
CMYK	0.19, 0.25, 0.00, 0.05
HSL	254°, 71%, 84%
HSV	254°, 25%, 95%
XYZ	56.1371, 52.2084, 91.9125
YIQ	194.0260, -10.9160, 21.6280

# Conversions

## Conversions Part 2

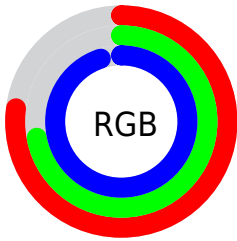
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 183, 243
Decimal	12957683
CIE <sub>Lab</sub>	77.41, 16.90, -27.97
CIE <sub>LCh</sub>	77, 32.682, 301.137
Yxy	52.2084, 0.2803, 0.2607
Android (android.graphics.Color)	4291147763 (0xFFC5B7F3)
YUV	194.0260, 24.1442, 2.6082
Hunter-Lab	72.2553, 12.2345, -24.8412

# Details

The Decimal color **12957683** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **15070135**, and the grayscale version is **12763842**.

A 20% lighter version of the original color is **16707583**, and **9339579** is the 20% darker color. If you saturate the color by 10%, you get **11706355**, and if you desaturate by 10%, it is **14209011**.

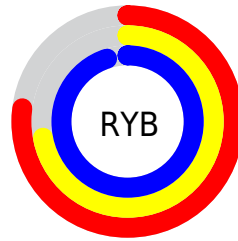
# Distribution



Red (77%)

Green (72%)

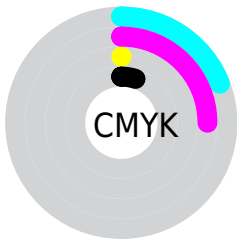
Blue (95%)



Red (77%)

Yellow (72%)

Blue (95%)

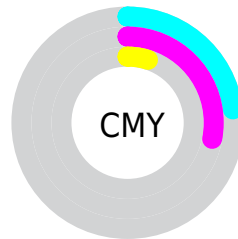


Cyan (19%)

Magenta (25%)

Yellow (0%)

Black (5%)



Cyan (23%)

Magenta (28%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12957683 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 12957683 by changing the saturation by 10% instead.



 12957683

 12957683

16777215

 11115734

 16707583

 9339579

 7629216

 5984645

 4340332

 2761811

 1183804

 38

 271

12957683

12957683

11706355

14209011

10520307

15395059

9268979

16646131

8017651

16777203

6831603

5580275

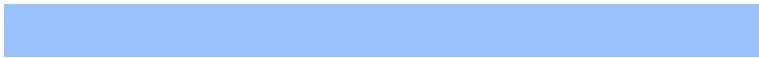
4394483

3735795

# Harmonies

## Analogous

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



10076923



12957683



15183325

# Triad

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



12957683



15577995



7327935

# Complementary

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



12957683



15070135

# 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.



9489825



12957683



13876867

# Square

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



12957683



16493473



11782027



6213597

# Rectangle

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



12957683



16099785



11782027



7983029



# Sweetspot

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



12957683



15855103



12051955



7894400



0



8421504



# Same Dimension

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



12957683



12891135



14923763



7433850



2818234



917563



# Inverse Universe

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



15972325



16757741



13104055



8023672



12189839



3866669



# Previews

## White Background



This preview shows how the Decimal color 12957683 looks on a white background.

## Color Contrast Check

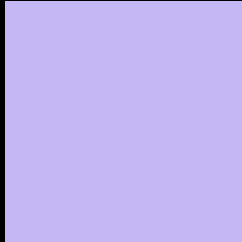
Large Text (above 18pt) WCAG AA × Fail

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 12957683 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

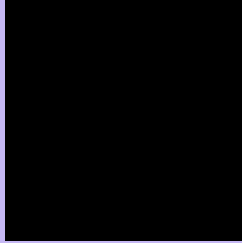
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12957683 Background



This preview shows how black text looks on a background with the Decimal color 12957683.



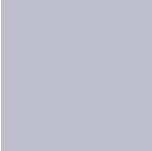
This preview shows how white text looks on a background with the Decimal color 12957683.

# 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**  
12500685

# Trichromacy



**Original Color**  
12957683

**Protanomaly**  
12106742

**Deuteranomaly**  
12368626

**Tritanomaly**  
12696539

# Monochromacy



**Original Color**  
12957683

**Achromatopsia**  
12763842

**Achromatomaly**  
12828372

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12957683 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 #C5B7F3 looks like.

```
.text, #text, p{  
    color:#C5B7F3  
}
```

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 #C5B7F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5B7F3
}
```

## Border

The CSS property to change the border of an element to Decimal 12957683 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
#C5B7F3 }
```

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

```
.border{ border-color:#C5B7F3 }
```

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

Here you see how a box with a 4 pixel #C5B7F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5B7F3; -webkit-box-shadow:4px 4px  
4px 4px #C5B7F3; box-shadow:4px 4px 4px  
4px #C5B7F3 }
```

# Background

The CSS property to change the background color of an element to Decimal 12957683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5B7F3 }
```

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

```
.background{ background-color:#C5B7F3 }
```

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