

# Converting Colors

Decimal(12890563)

Have a look what the booklet for  
Decimal(12890563) contains.

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# **Color**

**Decimal(12890563)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4B1C3
RGB	196, 177, 195
RGB Percent	77%, 69%, 76%
CMY	0.2314, 0.3059, 0.2353
CMYK	0.00, 0.10, 0.01, 0.23
HSL	303°, 14%, 73%
HSV	303°, 10%, 77%
XYZ	48.3374, 47.1202, 58.1772
YIQ	184.7330, 5.5460, 9.6260

# Conversions

## Conversions Part 2

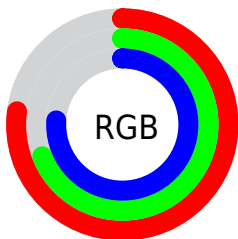
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 177, 195
Decimal	12890563
CIE <sub>Lab</sub>	74.27, 10.02, -6.66
CIE <sub>LCh</sub>	74, 12.033, 326.401
Yxy	47.1202, 0.3146, 0.3067
Android (android.graphics.Color)	4291080643 (0xFFC4B1C3)
YUV	184.7330, 5.0616, 9.8812
Hunter-Lab	68.6441, 5.5678, -2.1985

# Details

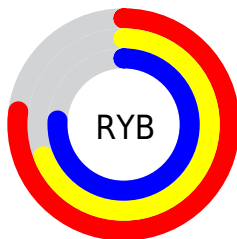
The Decimal color **12890563** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **11650226**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **16640508**, and **9337997** is the 20% darker color. If you saturate the color by 10%, you get **12885442**, and if you desaturate by 10%, it is **12895684**.

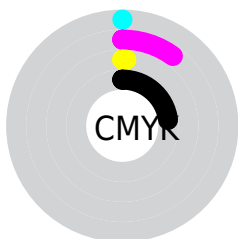
# Distribution



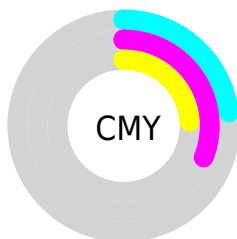
- Red (77%)
- Green (69%)
- Blue (76%)



- Red (77%)
- Yellow (69%)
- Blue (76%)



- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (23%)



- Cyan (23%)
- Magenta (31%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12890563 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 12890563 by changing the saturation by 10% instead.



■ 12890563

16777215

■ 16640508

■ 12890563

■ 11114152

■ 9337997

■ 7693172

■ 6048859

■ 4470084

■ 3022638

■ 1706009

■ 0

■ 12890563

■ 12890563

12885442

12895684

12880577

12900549

12875456

12905670

12870591

12910535

12865470

12910536

12860349

12910537

12855484

12910538

12850363

12910539

12845498

12910540

# Harmonies

## Analogous

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



12039370



12890563



13414328

# Triad

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



12890563



12694945



10206656

# Complementary

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



12890563



11650226

# 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.



10468789



12890563



11909539

# Square

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



12890563



13284005



11058346



10468297

# Rectangle

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



12890563



13610929



11058346



10206652



# Sweetspot

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



12890563



16775167



11710916



8419967



0



8421504



# Same Dimension

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



12890563



16769277



12890554



6379360



10551448



2162719



# Inverse Universe

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



12890563



16769277



11650235



6379360



10551448

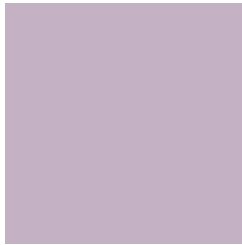


2162719



# Previews

## White Background



This preview shows how the Decimal color 12890563 looks on a white background.

## Color Contrast Check

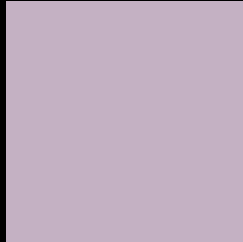
Large Text (above 18pt) WCAG AA × Fail

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 12890563 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

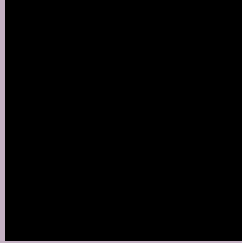
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12890563 Background



This preview shows how black text looks on a background with the Decimal color 12890563.



This preview shows how white text looks on a background with the Decimal color 12890563.

# 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**  
12890563

**Protanopia**  
11974342

**Deuteranopia**  
12825027



**Tritanopia**  
12825280

# Trichromacy



**Original Color**  
12890563

**Protanomaly**  
12301509

**Deuteranomaly**  
12825027

**Tritanomaly**  
12825281

# Monochromacy



**Original Color**  
12890563

**Achromatopsia**  
12171705

**Achromatomaly**  
12433085

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12890563 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 #C4B1C3 looks like.

```
.text, #text, p{  
    color:#C4B1C3  
}
```

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 #C4B1C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4B1C3
}
```

## Border

The CSS property to change the border of an element to Decimal 12890563 is called "border". The border property can be set on classes, ids or directly on the HTML element.

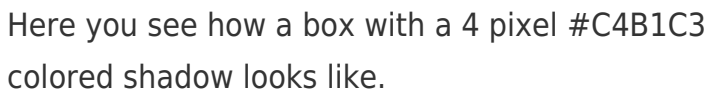
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C4B1C3 }
```

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

```
.border{ border-color:#C4B1C3 }
```

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

A rectangular box with a light purple background and a darker purple shadow effect on its right and bottom edges. The text inside the box is black and centered.

Here you see how a box with a 4 pixel `#C4B1C3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4B1C3; -webkit-box-shadow:4px 4px  
4px 4px #C4B1C3; box-shadow:4px 4px 4px  
4px #C4B1C3 }
```

# Background

The CSS property to change the background color of an element to Decimal 12890563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4B1C3 }
```

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

```
.background{ background-color:#C4B1C3 }
```

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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