

# Converting Colors

Decimal(12956876)

Have a look what the booklet for  
Decimal(12956876) contains.

<b>Decimal(12956876)</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(12956876)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5B4CC
RGB	197, 180, 204
RGB Percent	77%, 71%, 80%
CMY	0.2275, 0.2941, 0.2000
CMYK	0.03, 0.12, 0.00, 0.20
HSL	282°, 19%, 75%
HSV	282°, 12%, 80%
XYZ	50.2463, 48.8725, 63.9118
YIQ	187.8190, 2.4280, 11.0680

# Conversions

## Conversions Part 2

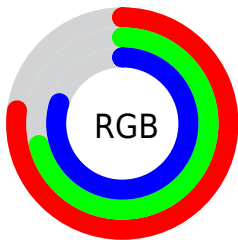
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 180, 204
Decimal	12956876
CIE Lab	75.37, 10.44, -9.92
CIE LCh	75, 14.404, 316.477
Yxy	48.8725, 0.3082, 0.2998
Android (android.graphics.Color)	4291146956 (0xFFC5B4CC)
YUV	187.8190, 7.9772, 8.0517
Hunter-Lab	69.9088, 5.9547, -5.2677

# Details

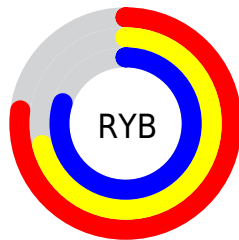
The Decimal color **12956876** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **12307636**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **16706815**, and **9404310** is the 20% darker color. If you saturate the color by 10%, you get **12558540**, and if you desaturate by 10%, it is **13355212**.

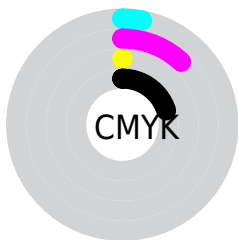
# Distribution



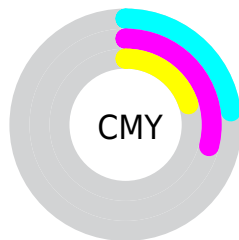
- Red (77%)
- Green (71%)
- Blue (80%)



- Red (77%)
- Yellow (71%)
- Blue (80%)



- Cyan (3%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)



- Cyan (23%)
- Magenta (29%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12956876 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 12956876 by changing the saturation by 10% instead.



■ 12956876

■ 12956876

16777215

■ 11180465

■ 16706815

■ 9404310

■ 7693948

■ 6114915

■ 4536139

■ 3088949

■ 1707039

■ 5

■ 0

 12956876


 12956876

 12558540

 13355212

 12159948

 13753804

 11761612

 14152140

 11363020


 14548940

 10964684

 14942156

 10566348

 15335372

 10167756

 15728588

 9769420

 16121804

 9437388

 16515020

# Harmonies

## Analogous

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



11909331



12956876



13742528

# Triad

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



12956876



13285280



10011073

# Complementary

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



12956876



12307636

# 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.



10535347



12956876



12434336

# Square

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



12956876



13874087



11386791



10141900

# Rectangle

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



12956876



14004663



11386791



10142396



# Sweetspot

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



12956876



16578047



11844556



8288640



0



8421504



# Same Dimension

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



12956876



16112639



13415623



6511718



7667878



1769510



# Inverse Universe

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



13415611



16767974



11848889



6708319



10879024



2490379



# Previews

## White Background



This preview shows how the Decimal color 12956876 looks on a white background.

## Color Contrast Check

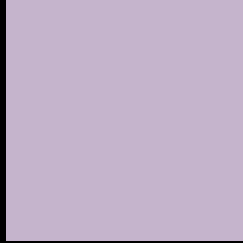
Large Text (above 18pt) WCAG AA × Fail

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 12956876 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

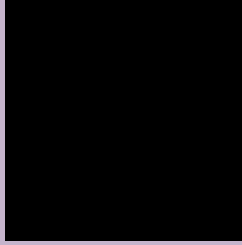
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12956876 Background



This preview shows how black text looks on a background with the Decimal color 12956876.




This preview shows how white text looks on a background with the Decimal color 12956876.

# 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**  
12891588

# Trichromacy



**Original Color**  
12956876

**Protanomaly**  
12367822

**Deuteranomaly**  
12891596

**Tritanomaly**  
12891591

# Monochromacy



**Original Color**  
12956876

**Achromatopsia**  
12369084

**Achromatomaly**  
12564930

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12956876 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 #C5B4CC looks like.

```
.text, #text, p{  
    color:#C5B4CC  
}
```

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 #C5B4CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5B4CC
}
```

## Border

The CSS property to change the border of an element to Decimal 12956876 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
#C5B4CC }
```

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

```
.border{ border-color:#C5B4CC }
```

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

Here you see how a box with a 4 pixel #C5B4CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5B4CC; -webkit-box-shadow:4px 4px  
4px 4px #C5B4CC; box-shadow:4px 4px 4px  
4px #C5B4CC }
```

# Background

The CSS property to change the background color of an element to Decimal 12956876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5B4CC }
```

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

```
.background{ background-color:#C5B4CC }
```

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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