

Converting Colors

Decimal(12953019)

Have a look what the booklet for
Decimal(12953019) contains.

| | |
|--|----|
| Decimal(12953019) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Decimal(12953019)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C5A5BB |
| RGB | 197, 165, 187 |
| RGB Percent | 77%, 65%, 73% |
| CMY | 0.2275, 0.3529, 0.2667 |
| CMYK | 0.00, 0.16, 0.05, 0.23 |
| HSL | 319°, 22%, 71% |
| HSV | 319°, 16%, 77% |
| XYZ | 45.4507, 42.3684, 52.7961 |
| YIQ | 177.0760, 12.0100, 13.6260 |

Conversions

Conversions Part 2

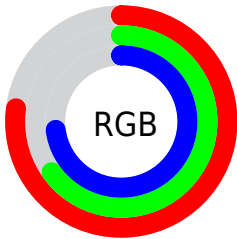
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 197, 165, 187 |
| Decimal | 12953019 |
| CIELab | 71.12, 15.46, -6.91 |
| CIELCh | 71, 16.934, 335.915 |
| Yxy | 42.3684, 0.3232, 0.3013 |
| Android (android.graphics.Color) | 4291143099 (0xFFC5A5BB) |
| YUV | 177.0760, 4.8925, 17.4733 |
| Hunter-Lab | 65.0910, 10.7308, -2.5271 |

Details

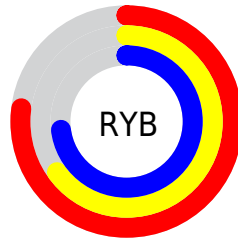
The Decimal color **12953019** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **10864047**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **16702707**, and **9400710** is the 20% darker color. If you saturate the color by 10%, you get **12947893**, and if you desaturate by 10%, it is **12958145**.

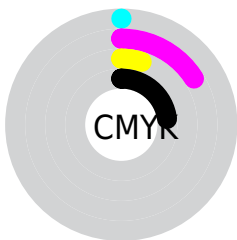
Distribution



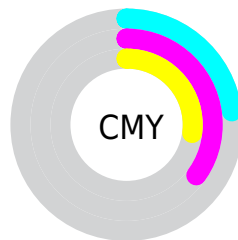
- Red (77%)
- Green (65%)
- Blue (73%)



- Red (77%)
- Yellow (65%)
- Blue (73%)



- Cyan (0%)
- Magenta (16%)
- Yellow (5%)
- Black (23%)



- Cyan (23%)
- Magenta (35%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 12953019 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 12953019 by changing the saturation by 10% instead.

 12953019

 12953019

16777215

 11176864

 16702707

 9400710

 16775679

 7690349

 6046036

 4467517

 3020327

 1769491

 0

 12953019

 12953019

 12947893

 12958145

 12943023

 12963015

 12937897

 12968141

 12932770

 12973268

 12927900

 12976090

 12922774

 12976096

 12917648

 12976102

 12912522

 12976108

 12910727

 12976114

Harmonies

Analogous

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



11905479



12953019



13542316

Triad

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



12953019



12037776



8828608

Complementary

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



12953019



10864047

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.



8959921



12953019



10924949

Square

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



12953019



12954002



9811617



9417674

Rectangle

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



12953019



13608097



9811617



8763323

Sweetspot

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



12953019



16773883



11511237



8419453



0



8421504

Same Dimension

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



12953019



16764912



12953003



6511200



10682480



2359321

Inverse Universe

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



12953019



16764912



10864063



6511200



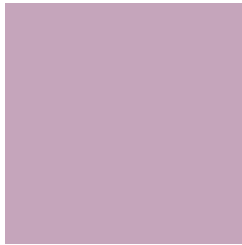
10682480



2359321

Previews

White Background



This preview shows how the Decimal color 12953019 looks on a white background.

Color Contrast Check

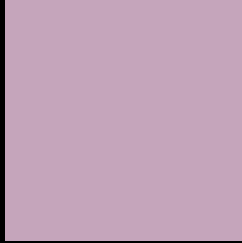
Large Text (above 18pt) WCAG AA × Fail

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 12953019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

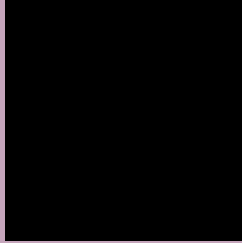
Any Text WCAG AA ✓ Pass

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 12953019 Background



This preview shows how black text looks on a background with the Decimal color 12953019.



This preview shows how white text looks on a background with the Decimal color 12953019.

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
12953019

Protanopia
11316672

Deuteranopia
12233146



Tritanopia
12887731

Trichromacy



Original Color
12953019

Protanomaly
11905726

Deuteranomaly
12495034

Tritanomaly
12887734

Monochromacy



Original Color
12953019

Achromatopsia
11645361

Achromatomaly
12103093

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12953019 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 #C5A5BB looks like.

```
.text, #text, p{  
    color:#C5A5BB  
}
```

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 #C5A5BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5A5BB
}
```

Border

The CSS property to change the border of an element to Decimal 12953019 is called "border". The border property can be set on classes, ids or directly on the HTML element.

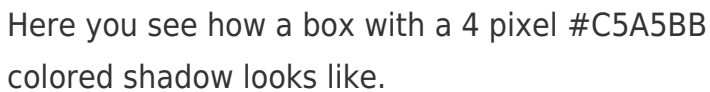
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C5A5BB }
```

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

```
.border{ border-color:#C5A5BB }
```

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



Here you see how a box with a 4 pixel `#C5A5BB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5A5BB; -webkit-box-shadow:4px 4px  
4px 4px #C5A5BB; box-shadow:4px 4px 4px  
4px #C5A5BB }
```

Background

The CSS property to change the background color of an element to Decimal 12953019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5A5BB }
```

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

```
.background{ background-color:#C5A5BB }
```

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