

# Converting Colors

Decimal(12953020)

Have a look what the booklet for  
Decimal(12953020) contains.

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# **Color**

**Decimal(12953020)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5A5BC
RGB	197, 165, 188
RGB Percent	77%, 65%, 74%
CMY	0.2275, 0.3529, 0.2627
CMYK	0.00, 0.16, 0.05, 0.23
HSL	317°, 22%, 71%
HSV	317°, 16%, 77%
XYZ	45.5582, 42.4114, 53.3620
YIQ	177.1900, 11.6890, 13.9370

# Conversions

## Conversions Part 2

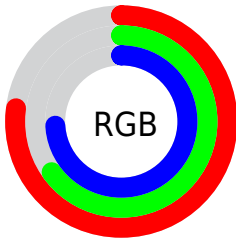
Format	Color
<a href="#">RYB</a>	<a href="#">197, 165, 188</a>
Decimal	<a href="#">12953020</a>
CIELab	<a href="#">71.15, 15.64, -7.42</a>
CIELCh	<a href="#">71, 17.311, 334.623</a>
Yxy	<a href="#">42.4114, 0.3223, 0.3001</a>
Android (android.graphics.Color)	<a href="#">4291143100 (0xFFC5A5BC)</a>
YUV	<a href="#">177.1900, 5.3293, 17.3734</a>
Hunter-Lab	<a href="#">65.1241, 10.9044, -2.9948</a>

# Details

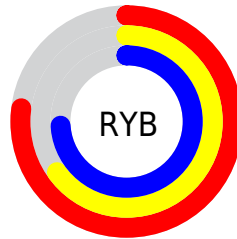
The Decimal color **12953020** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **10864046**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **16702708**, and **9400711** is the 20% darker color. If you saturate the color by 10%, you get **12947894**, and if you desaturate by 10%, it is **12958146**.

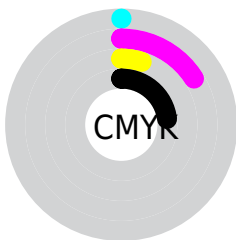
# Distribution



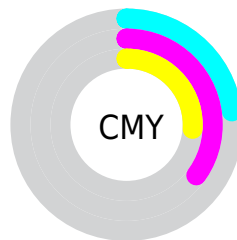
- Red (77%)
- Green (65%)
- Blue (74%)



- Red (77%)
- Yellow (65%)
- Blue (74%)



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



- Cyan (23%)
- Magenta (35%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12953020 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 12953020 by changing the saturation by 10% instead.



 12953020

 12953020

16777215

 11176865

 16702708

 9400711

 16775679

 7690349

 6046037

 4467518

 3020072

 1769492

 0

 12953020

 12953020

12947894

12958146

12943025

12963015

12937899

12968141

12932774

12973266

12927904

12976088

12922779

12976093

12917653

12976099

12912528

12976104

12910734

12976110

# Harmonies

## Analogous

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



11839944



12953020



13542316

# Triad

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



12953020



12103311



8763327

# Complementary

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



12953020



10864046

# 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.



8959920



12953020



10924948

# Square

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



12953020



13019538



9811616



9352138

# Rectangle

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



12953020



13608098



9811616



8697787



# Sweetspot

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



12953020



16773883



11445701



8419453



0



8421504



# Same Dimension

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



12953020



16764913



12953004



6511201



10682485



2359322



# Inverse Universe

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



12953020



16764913



10864062



6511201



10682485

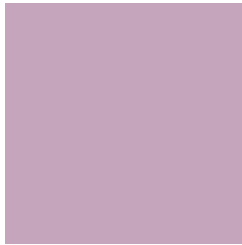


2359322



# Previews

## White Background



This preview shows how the Decimal color 12953020 looks on a white background.

## Color Contrast Check

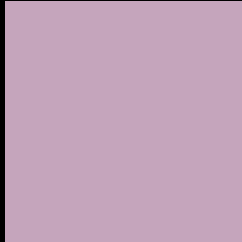
Large Text (above 18pt) WCAG AA × Fail

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 12953020 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

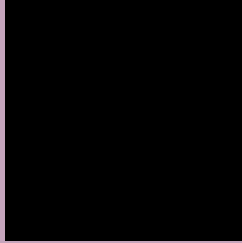
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12953020 Background



This preview shows how black text looks on a background with the Decimal color 12953020.

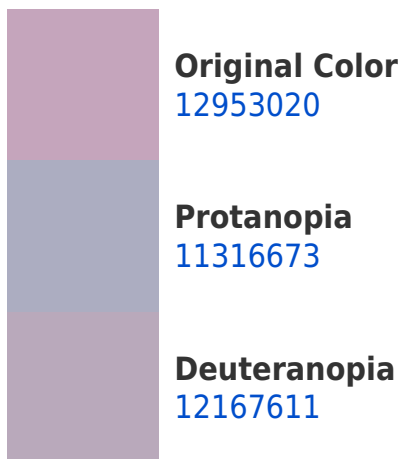


This preview shows how white text looks on a background with the Decimal color 12953020.

# 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**  
12887731

# Trichromacy



**Original Color**  
12953020

**Protanomaly**  
11905727

**Deuteranomaly**  
12429499

**Tritanomaly**  
12887734

# Monochromacy



**Original Color**  
12953020

**Achromatopsia**  
11645361

**Achromatomaly**  
12103093

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12953020 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 #C5A5BC looks like.

```
.text, #text, p{  
    color:#C5A5BC  
}
```

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 #C5A5BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5A5BC
}
```

## Border

The CSS property to change the border of an element to Decimal 12953020 is called "border". The border property can be set on classes, ids or directly on the HTML element.

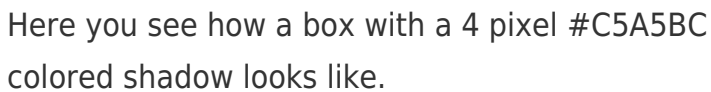
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C5A5BC }
```

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

```
.border{ border-color:#C5A5BC }
```

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



Here you see how a box with a 4 pixel `#C5A5BC` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5A5BC; -webkit-box-shadow:4px 4px  
4px 4px #C5A5BC; box-shadow:4px 4px 4px  
4px #C5A5BC }
```

# Background

The CSS property to change the background color of an element to Decimal 12953020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5A5BC }
```

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

```
.background{ background-color:#C5A5BC }
```

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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