

# Converting Colors

Decimal(12752300)

Have a look what the booklet for  
Decimal(12752300) contains.

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# **Color**

**Decimal(12752300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C295AC
RGB	194, 149, 172
RGB Percent	76%, 58%, 67%
CMY	0.2392, 0.4157, 0.3255
CMYK	0.00, 0.23, 0.11, 0.24
HSL	329°, 27%, 67%
HSV	329°, 23%, 76%
XYZ	40.4420, 35.9428, 43.8359
YIQ	165.0770, 19.4370, 16.6930

# Conversions

## Conversions Part 2

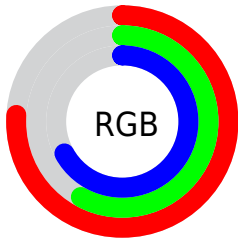
Format	Color
<a href="#">RYB</a>	<a href="#">194, 149, 172</a>
Decimal	<a href="#">12752300</a>
CIELab	<a href="#">66.48, 20.57, -5.48</a>
CIELCh	<a href="#">66, 21.286, 345.084</a>
Yxy	<a href="#">35.9428, 0.3364, 0.2990</a>
Android (android.graphics.Color)	<a href="#">4290942380 (0xFFC295AC)</a>
YUV	<a href="#">165.0770, 3.4130, 25.3655</a>
Hunter-Lab	<a href="#">59.9523, 15.4941, -1.3850</a>

# Details

The Decimal color **12752300** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **9814699**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **16501731**, and **9200248** is the 20% darker color. If you saturate the color by 10%, you get **12747427**, and if you desaturate by 10%, it is **12757173**.

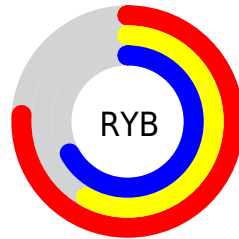
# Distribution



Red (76%)

Green (58%)

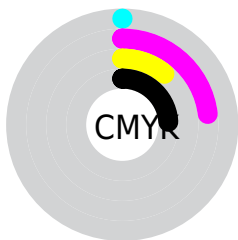
Blue (67%)



Red (76%)

Yellow (58%)

Blue (67%)

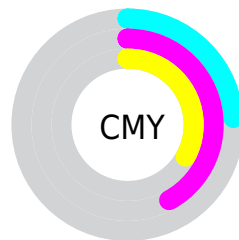


Cyan (0%)

Magenta (23%)

Yellow (11%)

Black (24%)



Cyan (24%)

Magenta (42%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12752300 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 12752300 by changing the saturation by 10% instead.



 12752300

 12752300

16777215

 10976145

 16501731

 9200248


 16771327

 7490143

 5845831

 4267313

 2754332

 917504

 0

 12752300

 12752300

 12747427

 12757173

 12742297

 12762303

 12737424

 12767176

 12732294

 12772306

 12727421

 12777179

 12722547

 12779493

 12717418

 12779502

 12714083

 12779512

 12779519

# Harmonies

## Analogous

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



11639485



12752300



13210777

# Triad

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



12752300



10920829



7252924

# Complementary

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



12752300



9814699

# 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.



7253419



12752300



9480582

# Square

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



12752300



12164477



8170647



8365766

# Rectangle

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



12752300



13145741



8170647



7122103



# Sweetspot

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



12752300



16575476



11244994



8418683



0



8421504



# Same Dimension

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



12752300



16561882



12752278



6379356



10551378



2162705



# Inverse Universe

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



12752300



16561882



9814721



6379356



10551378

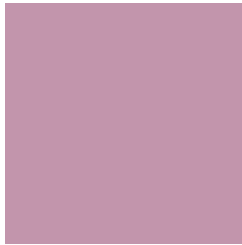


2162705



# Previews

## White Background



This preview shows how the Decimal color 12752300 looks on a white background.

## Color Contrast Check

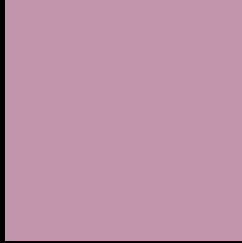
Large Text (above 18pt) WCAG AA × Fail

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 12752300 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

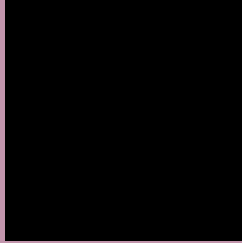
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12752300 Background



This preview shows how black text looks on a background with the Decimal color 12752300.



This preview shows how white text looks on a background with the Decimal color 12752300.

# 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**  
12752300

**Protanopia**  
10527155

**Deuteranopia**  
11443626



**Tritanopia**  
12687266

# Trichromacy



**Original Color**  
12752300

**Protanomaly**  
11312560

**Deuteranomaly**  
11901611

**Tritanomaly**  
12687014

# Monochromacy



**Original Color**  
12752300

**Achromatopsia**  
10855845

**Achromatomaly**  
11575208

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12752300 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 #C295AC looks like.

```
.text, #text, p{  
  color:#C295AC  
}
```

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 #C295AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C295AC
}
```

## Border

The CSS property to change the border of an element to Decimal 12752300 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
#C295AC }
```

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

```
.border{ border-color:#C295AC }
```

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

Here you see how a box with a 4 pixel #C295AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C295AC; -webkit-box-shadow:4px 4px  
4px 4px #C295AC; box-shadow:4px 4px 4px  
4px #C295AC }
```

# Background

The CSS property to change the background color of an element to Decimal 12752300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C295AC }
```

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

```
.background{ background-color:#C295AC }
```

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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