

# Converting Colors

Decimal(12950997)

Have a look what the booklet for  
Decimal(12950997) contains.

<b>Decimal(12950997)</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(12950997)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C59DD5
RGB	197, 157, 213
RGB Percent	77%, 62%, 84%
CMY	0.2275, 0.3843, 0.1647
CMYK	0.08, 0.26, 0.00, 0.16
HSL	283°, 40%, 73%
HSV	283°, 26%, 84%
XYZ	47.0932, 40.7884, 68.3416
YIQ	175.3440, 5.8640, 25.8960

# Conversions

## Conversions Part 2

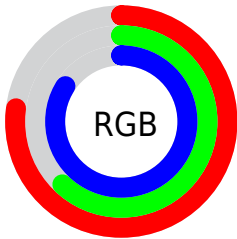
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 157, 213
Decimal	12950997
CIELab	70.03, 24.84, -22.92
CIELCh	70, 33.797, 317.307
Yxy	40.7884, 0.3014, 0.2611
Android (android.graphics.Color)	4291141077 (0xFFC59DD5)
YUV	175.3440, 18.5644, 18.9923
Hunter-Lab	63.8658, 19.8568, -18.7392

# Details

The Decimal color **12950997** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11392413**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **16700671**, and **9398686** is the 20% darker color. If you saturate the color by 10%, you get **12552405**, and if you desaturate by 10%, it is **13349589**.

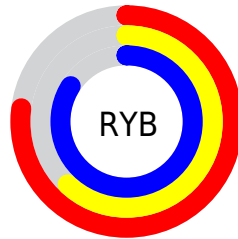
# Distribution



Red (77%)

Green (62%)

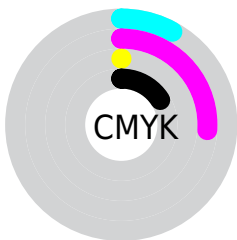
Blue (84%)



Red (77%)

Yellow (62%)

Blue (84%)

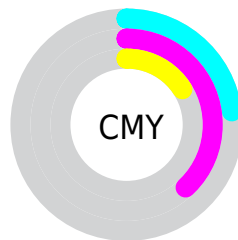


Cyan (8%)

Magenta (26%)

Yellow (0%)

Black (16%)



Cyan (23%)

Magenta (38%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12950997 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 12950997 by changing the saturation by 10% instead.



 12950997

 12950997

16777215

 11109305

 16700671

 9398686

 16773375

 7688580

 5978475

 4399954

 2886971

 1769509

 270

 0

12950997

12950997

12552405

13349589

12153557

13748437

11754965

14147029

11356373

14545621

10957781

14942165

10493397

15400917

10094805

15794133

9961685

16187349

16580565

# Harmonies

## Analogous

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



10266854



12950997



14652858

# Triad

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



12950997



13411696



4570300

# Complementary

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



12950997



11392413

# 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.



6732701



12950997



11448176

# Square

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



12950997



14785407



9156481



4504023

# Rectangle

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



12950997



15176869



9156481



5225650



# Sweetspot

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



12950997



16378879



10333909



8156032



0



8421504



# Same Dimension

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



12950997



15248895



13999562



6840427



7995563



2031659



# Inverse Universe

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



13999533



16756165



10343848



7037027



11206705

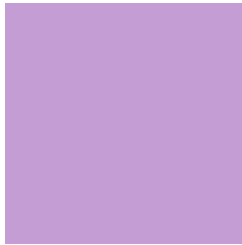


2818060



# Previews

## White Background



This preview shows how the Decimal color 12950997 looks on a white background.

## Color Contrast Check

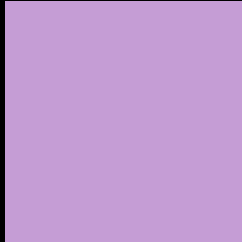
Large Text (above 18pt) WCAG AA × Fail

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 12950997 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 12950997 Background



This preview shows how black text looks on a background with the Decimal color 12950997.



This preview shows how white text looks on a background with the Decimal color 12950997.

# 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**  
12950997

**Protanopia**  
10398174

**Deuteranopia**  
11053267



**Tritanopia**  
12625073

# Trichromacy



**Original Color**  
12950997

**Protanomaly**  
11314651

**Deuteranomaly**  
11773140

**Tritanomaly**  
12755390

# Monochromacy



**Original Color**  
12950997

**Achromatopsia**  
11513775

**Achromatomaly**  
12036285

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12950997 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 #C59DD5 looks like.

```
.text, #text, p{  
    color:#C59DD5  
}
```

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 #C59DD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C59DD5
}
```

## Border

The CSS property to change the border of an element to Decimal 12950997 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
#C59DD5 }
```

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

```
.border{ border-color:#C59DD5 }
```

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

Here you see how a box with a 4 pixel #C59DD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C59DD5; -webkit-box-shadow:4px 4px  
4px 4px #C59DD5; box-shadow:4px 4px 4px  
4px #C59DD5 }
```

# Background

The CSS property to change the background color of an element to Decimal 12950997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C59DD5 }
```

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

```
.background{ background-color:#C59DD5 }
```

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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