

# Converting Colors

Decimal(12811936)

Have a look what the booklet for  
Decimal(12811936) contains.

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# **Color**

**Decimal(12811936)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C37EA0
RGB	195, 126, 160
RGB Percent	76%, 49%, 63%
CMY	0.2353, 0.5059, 0.3725
CMYK	0.00, 0.35, 0.18, 0.24
HSL	330°, 37%, 63%
HSV	330°, 35%, 76%
XYZ	36.3117, 29.0619, 36.9534
YIQ	150.5070, 30.2100, 25.2020

# Conversions

## Conversions Part 2

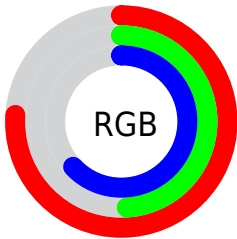
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 126, 160
Decimal	12811936
CIE Lab	60.84, 31.61, -7.03
CIE LCh	61, 32.386, 347.463
Yxy	29.0619, 0.3549, 0.2840
Android (android.graphics.Color)	4291002016 (0xFFC37EA0)
YUV	150.5070, 4.6800, 39.0204
Hunter-Lab	53.9091, 25.8919, -2.9055

# Details

The Decimal color **12811936** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8307617**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **16626903**, and **9194349** is the 20% darker color. If you saturate the color by 10%, you get **12807062**, and if you desaturate by 10%, it is **12817066**.

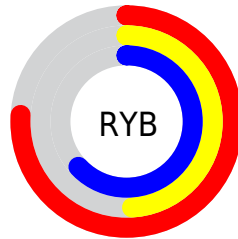
# Distribution



Red (76%)

Green (49%)

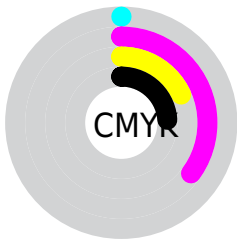
Blue (63%)



Red (76%)

Yellow (49%)

Blue (63%)

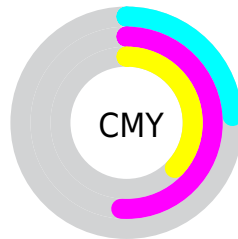


Cyan (0%)

Magenta (35%)

Yellow (18%)

Black (24%)



Cyan (24%)

Magenta (51%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12811936 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 12811936 by changing the saturation by 10% instead.



 12811936

 12811936

16777215

 10970246

 16626903

 9194349

 16764915

 7418708

 16772351

 5774141

 4129319

 2752531

 0

 12811936

 12811936

 12807062

 12817066

 12801932

 12821940

 12797058

 12827070

 12791928

 12831944

 12787055

 12837073

 12781925

 12841947

 12779616

 12845029

 12845039

 12845049

# Harmonies

## Analogous

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



11240890



12811936



13335939

# Triad

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



12811936



9803355



2793404

# Complementary

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



12811936



8307617

# 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.



2925219



12811936



7708011

# Square

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



12811936



11636059



5349765



5675466

# Rectangle

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



12811936



13140337



5349765



2335157



# Sweetspot

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



12811936



16572910



10583747



8417143



0



8421504



# Same Dimension

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



12811936



16552647



12811902



6379356



10551375



2162704



# Inverse Universe

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



12811936



16552647



8307651



6379356



10551375

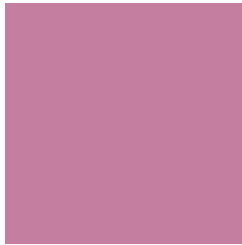


2162704



# Previews

## White Background



This preview shows how the Decimal color 12811936 looks on a white background.

## Color Contrast Check

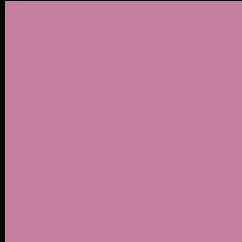
Large Text (above 18pt) WCAG AA ✓ Pass

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 12811936 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

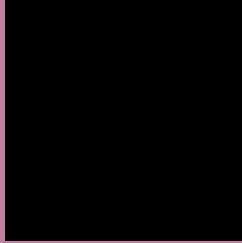
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12811936 Background



This preview shows how black text looks on a background with the Decimal color 12811936.




This preview shows how white text looks on a background with the Decimal color 12811936.

# 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**  
12681868

# Trichromacy



**Original Color**  
12811936



**Protanomaly**  
10587048



**Deuteranomaly**  
11241886

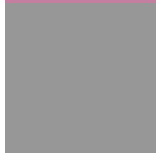


**Tritanomaly**  
12747155

# Monochromacy



**Original Color**  
12811936



**Achromatopsia**  
9934743



**Achromatomaly**  
10981018

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12811936 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 #C37EA0 looks like.

```
.text, #text, p{  
    color:#C37EA0  
}
```

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 #C37EA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C37EA0
}
```

## Border

The CSS property to change the border of an element to Decimal 12811936 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
#C37EA0 }
```

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

```
.border{ border-color:#C37EA0 }
```

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

Here you see how a box with a 4 pixel #C37EA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C37EA0; -webkit-box-shadow:4px 4px  
4px 4px #C37EA0; box-shadow:4px 4px 4px  
4px #C37EA0 }
```

# Background

The CSS property to change the background color of an element to Decimal 12811936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C37EA0 }
```

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

```
.background{ background-color:#C37EA0 }
```

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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