

Converting Colors

Decimal(12811686)

Have a look what the booklet for
Decimal(12811686) contains.

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Color

Decimal(12811686)

Conversions

Conversions Part 1

Format	Color
Hex	C37DA6
RGB	195, 125, 166
RGB Percent	76%, 49%, 65%
CMY	0.2353, 0.5098, 0.3490
CMYK	0.00, 0.36, 0.15, 0.24
HSL	325°, 37%, 63%
HSV	325°, 36%, 76%
XYZ	36.7222, 29.0225, 39.7428
YIQ	150.6040, 28.5590, 27.5910

Conversions

Conversions Part 2

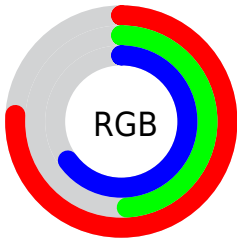
Format	Color
RYB	195, 125, 166
Decimal	12811686
CIELab	60.80, 33.13, -10.52
CIELCh	61, 34.755, 342.388
Yxy	29.0225, 0.3481, 0.2751
Android (android.graphics.Color)	4291001766 (0xFFC37DA6)
YUV	150.6040, 7.5902, 38.9353
Hunter-Lab	53.8725, 27.3976, -6.0286

Details

The Decimal color **12811686** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8242074**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **16626653**, and **9194098** is the 20% darker color. If you saturate the color by 10%, you get **12806814**, and if you desaturate by 10%, it is **12816814**.

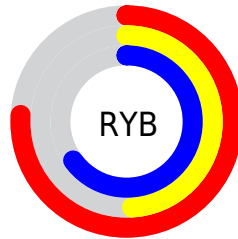
Distribution



Red (76%)

Green (49%)

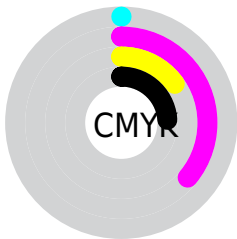
Blue (65%)



Red (76%)

Yellow (49%)

Blue (65%)

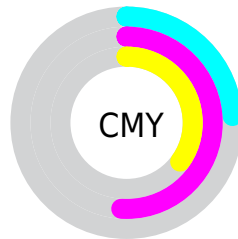


Cyan (0%)

Magenta (36%)

Yellow (15%)

Black (24%)



Cyan (24%)

Magenta (51%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12811686 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 12811686 by changing the saturation by 10% instead.

 12811686

 12811686

16777215

 10969996

 16626653

 9194098

 16764666

 7483994

 16772095

 5773890

 4128812

 2752536

 0

 12811686

 12811686

 12806814

 12816814

 12801686

 12821686

 12796814

 12826558

 12791686

 12831686

 12786558

 12836558

 12781686

 12841686

 12779634

 12845023

 12845031

 12845039

Harmonies

Analogous

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



10913472



12811686



13532039

Triad

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



12811686



10130774



41403

Complementary

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



12811686



8242074

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.



2139039



12811686



7904612

Square

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



12811686



11963224



5350015



4496333

Rectangle

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



12811686



13467251



5350015



41651

Sweetspot

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



12811686



16572913



10059203



8417145



0



8421504

Same Dimension

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



12811686



16552143



12811652



6379357



10551390



2162707

Inverse Universe

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



12811686



16552143



8242108



6379357



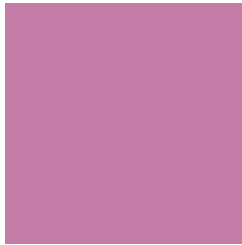
10551390



2162707

Previews

White Background



This preview shows how the Decimal color 12811686 looks on a white background.

Color Contrast Check

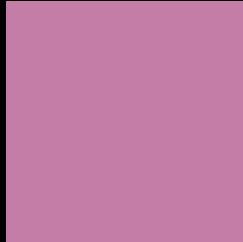
Large Text (above 18pt) WCAG AA ✓ Pass

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 12811686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

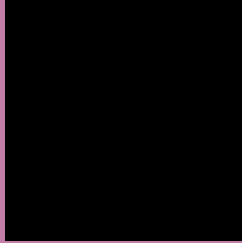
Any Text WCAG AA ✓ Pass

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 12811686 Background



This preview shows how black text looks on a background with the Decimal color 12811686.




This preview shows how white text looks on a background with the Decimal color 12811686.

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
12616332

Trichromacy



Original Color
12811686

Protanomaly
10455727

Deuteranomaly
11110564

Tritanomaly
12681365

Monochromacy



Original Color
12811686

Achromatopsia
9934743

Achromatomaly
10981020

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12811686 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 #C37DA6 looks like.

```
.text, #text, p{  
  color:#C37DA6  
}
```

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 #C37DA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C37DA6
}
```

Border

The CSS property to change the border of an element to Decimal 12811686 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
#C37DA6 }
```

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

```
.border{ border-color:#C37DA6 }
```

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

Here you see how a box with a 4 pixel #C37DA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C37DA6; -webkit-box-shadow:4px 4px  
4px 4px #C37DA6; box-shadow:4px 4px 4px  
4px #C37DA6 }
```

Background

The CSS property to change the background color of an element to Decimal 12811686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C37DA6 }
```

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

```
.background{ background-color:#C37DA6 }
```

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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