

Converting Colors

Decimal(12883874)

Have a look what the booklet for
Decimal(12883874) contains.

Decimal(12883874)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12883874)

Conversions

Conversions Part 1

Format	Color
Hex	C497A2
RGB	196, 151, 162
RGB Percent	77%, 59%, 64%
CMY	0.2314, 0.4078, 0.3647
CMYK	0.00, 0.23, 0.17, 0.23
HSL	345°, 28%, 68%
HSV	345°, 23%, 77%
XYZ	40.3531, 36.4776, 39.0965
YIQ	165.7090, 23.2890, 12.9610

Conversions

Conversions Part 2

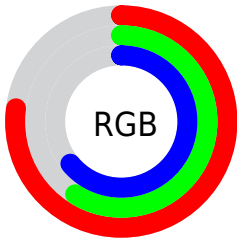
Format	Color
R_{YB}	196, 151, 162
Decimal	12883874
CIE _{Lab}	66.88, 18.54, 0.75
CIE _{LCh}	67, 18.554, 2.314
Yxy	36.4776, 0.3481, 0.3147
Android (android.graphics.Color)	4291073954 (0xFFC497A2)
YUV	165.7090, -1.8285, 26.5652
Hunter-Lab	60.3967, 13.5679, 3.8976

Details

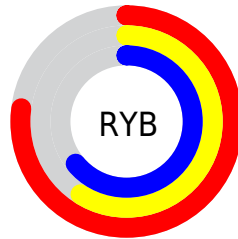
The Decimal color **12883874** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **9946297**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **16633305**, and **9331822** is the 20% darker color. If you saturate the color by 10%, you get **12878739**, and if you desaturate by 10%, it is **12889009**.

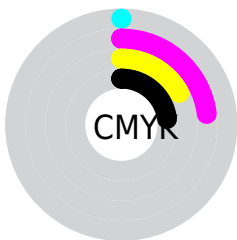
Distribution



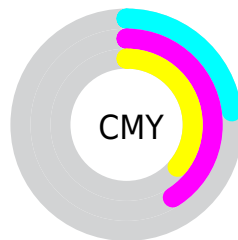
- Red (77%)
- Green (59%)
- Blue (64%)



- Red (77%)
- Yellow (59%)
- Blue (64%)



- Cyan (0%)
- Magenta (23%)
- Yellow (17%)
- Black (23%)



- Cyan (23%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12883874 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 12883874 by changing the saturation by 10% instead.

 12883874

 12883874

16777215

 11042184

 16633305

 9331822

 16771829

 7621718

 5911871

 4333353

 2820373

 851968

 0

 12883874

 12883874

 12878739

 12889009

 12873860

 12893888

 12868726

 12899022

 12863847

 12903901

 12858712

 12909036

 12853577

 12910587

 12848698

 12910591

 12845104

Harmonies

Analogous

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



12229043



12883874



12949650

Triad

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



12883874



10266502



8300992

Complementary

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



12883874



9946297

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.



7711924



12883874



9022355

Square

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



12883874



11444866



8039587



9544900

Rectangle

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



12883874



12688265



8039587



8039101

Sweetspot

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



12883874



16772594



12163012



8418680



0



8421504

Same Dimension

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



12883874



16758985



12886679



6379354



10551335



2162696

Inverse Universe

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



12883874



16758985



9943492



6379354



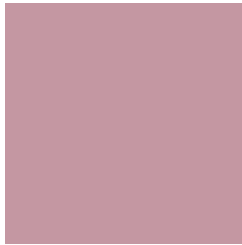
10551335



2162696

Previews

White Background



This preview shows how the Decimal color 12883874 looks on a white background.

Color Contrast Check

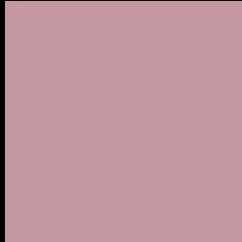
Large Text (above 18pt) WCAG AA × Fail

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 12883874 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 12883874 Background



This preview shows how black text looks on a background with the Decimal color 12883874.



This preview shows how white text looks on a background with the Decimal color 12883874.

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
12883875

Trichromacy



Original Color
12883874

Protanomaly
11574950

Deuteranomaly
12164001

Tritanomaly
12883875

Monochromacy



Original Color
12883874

Achromatopsia
10921638

Achromatomaly
11641253

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12883874 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 #C497A2 looks like.

```
.text, #text, p{  
    color:#C497A2  
}
```

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 #C497A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C497A2
}
```

Border

The CSS property to change the border of an element to Decimal 12883874 is called "border". The border property can be set on classes, ids or directly on the HTML element.

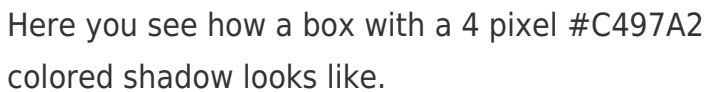
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C497A2 }
```

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

```
.border{ border-color:#C497A2 }
```

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



Here you see how a box with a 4 pixel #C497A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C497A2; -webkit-box-shadow:4px 4px  
4px 4px #C497A2; box-shadow:4px 4px 4px  
4px #C497A2 }
```

Background

The CSS property to change the background color of an element to Decimal 12883874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C497A2 }
```

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

```
.background{ background-color:#C497A2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor