

Converting Colors

Decimal(12693205)

Have a look what the booklet for
Decimal(12693205) contains.

Decimal(12693205)	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(12693205)

Conversions

Conversions Part 1

Format	Color
Hex	C1AED5
RGB	193, 174, 213
RGB Percent	76%, 68%, 84%
CMY	0.2431, 0.3176, 0.1647
CMYK	0.09, 0.18, 0.00, 0.16
HSL	269°, 32%, 76%
HSV	269°, 18%, 84%
XYZ	49.1386, 46.4137, 69.3196
YIQ	184.1270, -1.1950, 16.1570

Conversions

Conversions Part 2

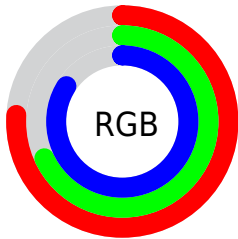
Format	Color
RYB	193, 174, 213
Decimal	12693205
CIELab	73.81, 14.17, -17.20
CIELCh	74, 22.287, 309.479
Yxy	46.4137, 0.2980, 0.2815
Android (android.graphics.Color)	4290883285 (0xFFC1AED5)
YUV	184.1270, 14.2344, 7.7816
Hunter-Lab	68.1276, 9.5241, -12.6381

Details

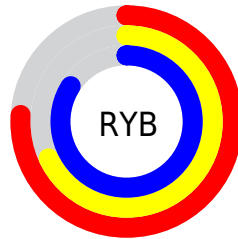
The Decimal color **12693205** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **12768686**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **16443135**, and **9140894** is the 20% darker color. If you saturate the color by 10%, you get **11966933**, and if you desaturate by 10%, it is **13419477**.

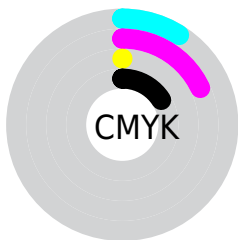
Distribution



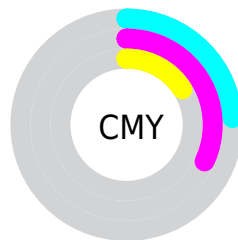
- Red (76%)
- Green (68%)
- Blue (84%)



- Red (76%)
- Yellow (68%)
- Blue (84%)



- Cyan (9%)
- Magenta (18%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (32%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12693205 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 12693205 by changing the saturation by 10% instead.

■ 12693205

■ 12693205

16777215

■ 10916793

■ 16443135

■ 9140894

■ 7496068

■ 5851499

■ 4272723

■ 2759995

■ 1508646

■ 271

■ 0

■ 12693205

■ 12693205

■ 11966933

■ 13419477

■ 11240405

■ 14146005

■ 10514133

■ 14872277

■ 9787861

■ 15597525

■ 9061333

■ 16318421

■ 8335061

■ 16777173

■ 7674325

■ 6948053

■ 6815957

Harmonies

Analogous

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



10925533



12693205



14002628

Triad

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



12693205



13807504



8438203

Complementary

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



12693205



12768686

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.



9552038



12693205



12498573

Square

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



12693205



14527132



10992789



8241359

Rectangle

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



12693205



14526390



10992789



8700340

Sweetspot

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



12693205



16315135



11453141



8157312



0



8421504

Same Dimension

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



12693205



14862335



13938389



6709355



5439659



1376299

Inverse Universe

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



14003906



16762852



11523502



7037030



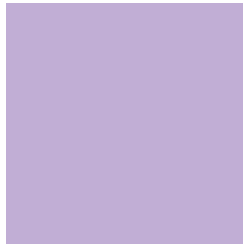
11206744



2818070

Previews

White Background



This preview shows how the Decimal color 12693205 looks on a white background.

Color Contrast Check

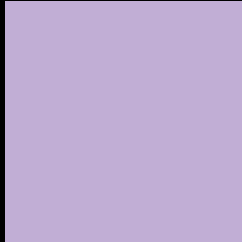
Large Text (above 18pt) WCAG AA × Fail

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 12693205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

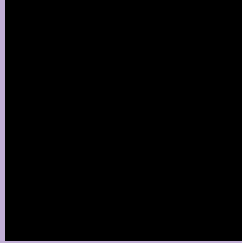
Any Text WCAG AA ✓ Pass

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 12693205 Background



This preview shows how black text looks on a background with the Decimal color 12693205.



This preview shows how white text looks on a background with the Decimal color 12693205.

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
12693205

Protanopia
11449561

Deuteranopia
12104148



Tritanopia
12497600

Trichromacy



Original Color
12693205

Protanomaly
11907800

Deuteranomaly
12300500

Tritanomaly
12562888

Monochromacy



Original Color
12693205

Achromatopsia
12105912

Achromatomaly
12301507

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12693205 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 #C1AED5 looks like.

```
.text, #text, p{  
    color:#C1AED5  
}
```

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 #C1AED5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1AED5  
}
```

Border

The CSS property to change the border of an element to Decimal 12693205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

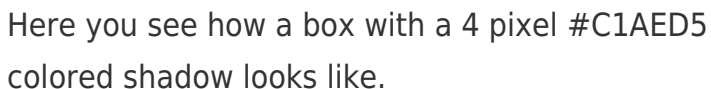
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#C1AED5 }
```

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

```
.border{ border-color:#C1AED5 }
```

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



Here you see how a box with a 4 pixel `#C1AED5` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1AED5; -webkit-box-shadow:4px 4px  
4px 4px #C1AED5; box-shadow:4px 4px 4px  
4px #C1AED5 }
```

Background

The CSS property to change the background color of an element to Decimal 12693205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1AED5 }
```

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

```
.background{ background-color:#C1AED5 }
```

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