

# Converting Colors

Decimal(12826320)

Have a look what the booklet for  
Decimal(12826320) contains.

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# **Color**

**Decimal(12826320)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3B6D0
RGB	195, 182, 208
RGB Percent	76%, 71%, 82%
CMY	0.2353, 0.2863, 0.1843
CMYK	0.06, 0.12, 0.00, 0.18
HSL	270°, 22%, 76%
HSV	270°, 12%, 82%
XYZ	50.6188, 49.6121, 66.5827
YIQ	188.8510, -0.5980, 10.8420

# Conversions

## Conversions Part 2

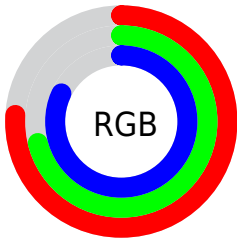
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	195, 182, 208
Decimal	12826320
CIE Lab	75.83, 9.46, -11.43
CIE LCh	76, 14.839, 309.627
Yxy	49.6121, 0.3034, 0.2974
Android (android.graphics.Color)	4291016400 (0xFFC3B6D0)
YUV	188.8510, 9.4405, 5.3927
Hunter-Lab	70.4358, 5.0165, -6.7415

# Details

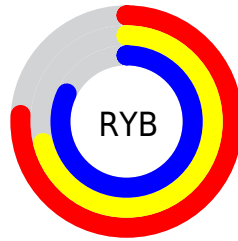
The Decimal color **12826320** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **12832950**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **16576255**, and **9273754** is the 20% darker color. If you saturate the color by 10%, you get **12165584**, and if you desaturate by 10%, it is **13487056**.

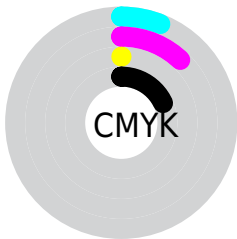
# Distribution



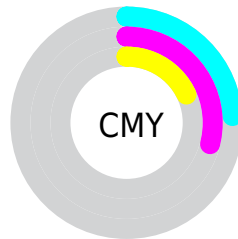
- Red (76%)
- Green (71%)
- Blue (82%)



- Red (76%)
- Yellow (71%)
- Blue (82%)



- Cyan (6%)
- Magenta (12%)
- Yellow (0%)
- Black (18%)



- Cyan (24%)
- Magenta (29%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12826320 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 12826320 by changing the saturation by 10% instead.



■ 12826320

16777215

■ 16576255

■ 12826320

■ 11049908

■ 9273754

■ 7628928

■ 5984359

■ 4405583

■ 2958136


■ 1642274

■ 10

■ 0

 12826320

 12826320

 12165584

 13487056

 11439312

 14213328

 10778832

 14873808

 10052560

 15597520

 9391824

 16252880

 8731088

 16777168

 8004816

 7344336

 6815952

# Harmonies

## Analogous

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



11713494



12826320



13743045

# Triad

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



12826320



13612962



10077119

# Complementary

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



12826320



12832950

# 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.



10732209



12826320



12696480

# Square

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



12826320



14136234



11714470



10076876

# Rectangle

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



12826320



14070460



11714470



10273722



# Sweetspot

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



12826320



16446975



11977680



8157568



0



8421504



# Same Dimension

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



12826320



15522303



13678288



6512233



5505192



1310761



# Inverse Universe

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



13678275



16767468



11980982



6905443



11010132



2686996



# Previews

## White Background



This preview shows how the Decimal color 12826320 looks on a white background.

## Color Contrast Check

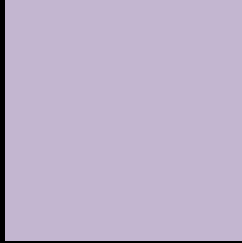
Large Text (above 18pt) WCAG AA × Fail

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 12826320 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

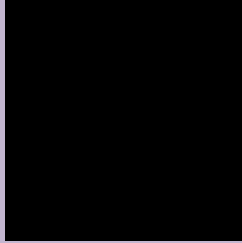
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12826320 Background



This preview shows how black text looks on a background with the Decimal color 12826320.

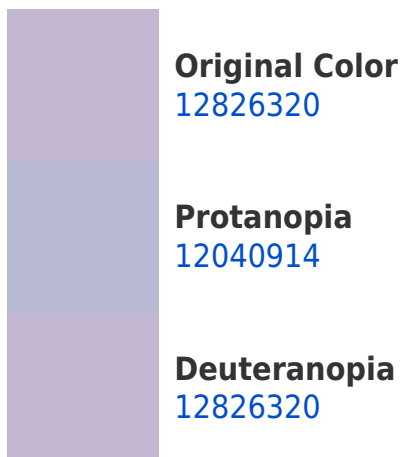



This preview shows how white text looks on a background with the Decimal color 12826320.

# 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**  
12695750

# Trichromacy



**Original Color**  
12826320

**Protanomaly**  
12302801

**Deuteranomaly**  
12826320

**Tritanomaly**  
12761034

# Monochromacy



**Original Color**  
12826320

**Achromatopsia**  
12434877

**Achromatomaly**  
12565188

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12826320 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 #C3B6D0 looks like.

```
.text, #text, p{  
    color:#C3B6D0  
}
```

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 #C3B6D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3B6D0
}
```

## Border

The CSS property to change the border of an element to Decimal 12826320 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
#C3B6D0 }
```

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

```
.border{ border-color:#C3B6D0 }
```

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

Here you see how a box with a 4 pixel `#C3B6D0` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3B6D0; -webkit-box-shadow:4px 4px  
4px 4px #C3B6D0; box-shadow:4px 4px 4px  
4px #C3B6D0 }
```

# Background

The CSS property to change the background color of an element to Decimal 12826320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3B6D0 }
```

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

```
.background{ background-color:#C3B6D0 }
```

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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