

Converting Colors

Decimal(12676307)

Have a look what the booklet for
Decimal(12676307) contains.

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Color

Decimal(12676307)

Conversions

Conversions Part 1

Format	Color
Hex	C16CD3
RGB	193, 108, 211
RGB Percent	76%, 42%, 83%
CMY	0.2431, 0.5765, 0.1725
CMYK	0.09, 0.49, 0.00, 0.17
HSL	290°, 54%, 63%
HSV	290°, 49%, 83%
XYZ	39.1128, 26.7657, 64.7328
YIQ	145.1570, 17.5970, 50.0530

Conversions

Conversions Part 2

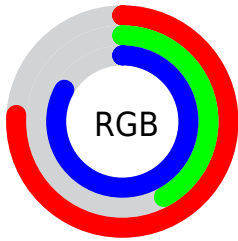
Format	Color
RYB	193, 108, 211
Decimal	12676307
CIELab	58.76, 49.68, -39.28
CIELCh	59, 63.329, 321.665
Yxy	26.7657, 0.2995, 0.2049
Android (android.graphics.Color)	4290866387 (0xFFC16CD3)
YUV	145.1570, 32.4606, 41.9583
Hunter-Lab	51.7356, 44.4109, -37.9702

Details

The Decimal color **12676307** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8311660**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **16491263**, and **8992924** is the 20% darker color. If you saturate the color by 10%, you get **12408787**, and if you desaturate by 10%, it is **12943827**.

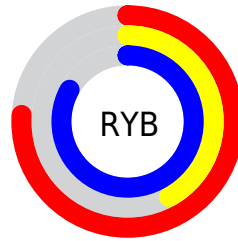
Distribution



Red (76%)

Green (42%)

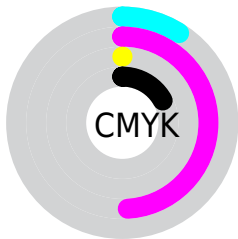
Blue (83%)



Red (76%)

Yellow (42%)

Blue (83%)

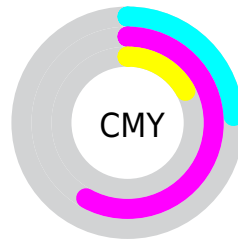


Cyan (9%)

Magenta (49%)

Yellow (0%)

Black (17%)



Cyan (24%)

















Magenta (58%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12676307 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 12676307 by changing the saturation by 10% instead.

 12676307	 12676307
 16777215	 10834615
 16491263	 8992924
 16760575	 7216258
 16767743	 5505128
 16775167	 3801167
	 2359352
	 289
	 6
	 0

 12676307

 12676307

 12408787

 12943827

 12206803

 13145811

 11939283

 13413331

 11671763

 13680851

 11469523

 13882835

 11403475

 14150611

 14417875

 14614483

 14876627

Harmonies

Analogous

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



7243253



12676307



15292575

Triad

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



12676307



11961609



42933

Complementary

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



12676307



8311660

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.



42619



12676307



8558354

Square

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



12676307



14446134



3645764



41956

Rectangle

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



12676307



15816314



3645764



42914

Sweetspot

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



12676307



16308735



7110611



8087936



0



8421504

Same Dimension

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



12676307



15034879



13855922



6774377



9109672



2228265

Inverse Universe

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



13855870



16738691



7132045



6905440



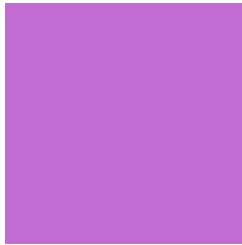
11010077



2686983

Previews

White Background



This preview shows how the Decimal color 12676307 looks on a white background.

Color Contrast Check

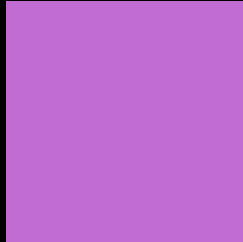
Large Text (above 18pt) WCAG AA ✓ Pass

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 12676307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

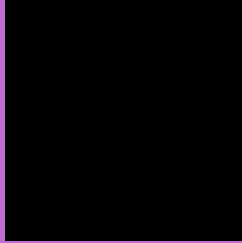
Any Text WCAG AA ✓ Pass

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 12676307 Background



This preview shows how black text looks on a background with the Decimal color 12676307.



This preview shows how white text looks on a background with the Decimal color 12676307.

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
12025480

Trichromacy



Original Color
12676307



Protanomaly
8814564



Deuteranomaly
9470415



Tritanomaly
12285859

Monochromacy



Original Color
12676307



Achromatopsia
9539985



Achromatomaly
10650793

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12676307 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 #C16CD3 looks like.

```
.text, #text, p{  
    color:#C16CD3  
}
```

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 #C16CD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C16CD3
}
```

Border

The CSS property to change the border of an element to Decimal 12676307 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
#C16CD3 }
```

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

```
.border{ border-color:#C16CD3 }
```

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

Here you see how a box with a 4 pixel #C16CD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C16CD3; -webkit-box-shadow:4px 4px  
4px 4px #C16CD3; box-shadow:4px 4px 4px  
4px #C16CD3 }
```

Background

The CSS property to change the background color of an element to Decimal 12676307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C16CD3 }
```

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

```
.background{ background-color:#C16CD3 }
```

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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