

Converting Colors

Decimal(12676997)

Have a look what the booklet for
Decimal(12676997) contains.

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Color

Decimal(12676997)

Conversions

Conversions Part 1

Format	Color
Hex	C16F85
RGB	193, 111, 133
RGB Percent	76%, 44%, 52%
CMY	0.2431, 0.5647, 0.4784
CMYK	0.00, 0.42, 0.31, 0.24
HSL	344°, 40%, 60%
HSV	344°, 42%, 76%
XYZ	31.9104, 24.3998, 25.2181
YIQ	138.0260, 41.8100, 24.2260

Conversions

Conversions Part 2

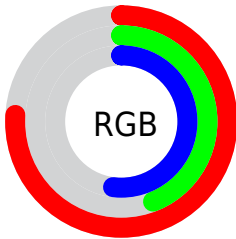
Format	Color
R_{YB}	193, 111, 133
Decimal	12676997
CIE _{Lab}	56.49, 35.07, 2.15
CIE _{LCh}	56, 35.137, 3.512
Yxy	24.3998, 0.3914, 0.2993
Android (android.graphics.Color)	4290867077 (0xFFC16F85)
YUV	138.0260, -2.4778, 48.2122
Hunter-Lab	49.3961, 28.8695, 4.3081

Details

The Decimal color **12676997** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **7324075**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **16491706**, and **8994132** is the 20% darker color. If you saturate the color by 10%, you get **12672119**, and if you desaturate by 10%, it is **12681875**.

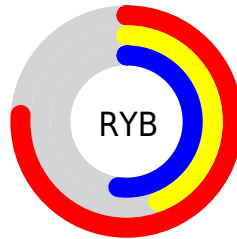
Distribution



Red (76%)

Green (44%)

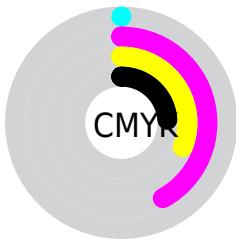
Blue (52%)



Red (76%)

Yellow (44%)

Blue (52%)

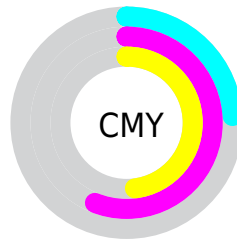


Cyan (0%)

Magenta (42%)

Yellow (31%)

Black (24%)



Cyan (24%)

Magenta (56%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12676997 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 12676997 by changing the saturation by 10% instead.

 12676997  12676997

16777215  10835564

 16491706  8994132

 16761046  7218237

 16768242  5507111

 16775679  3801106

 2228225

 0

 12676997  12676997

 12672119  12681875

 12666985

 12687009

 12662107

 12691887

 12657229

 12696765

 12652350

 12701900

 12648500

 12706778

 12711656

 12713974

 12713983

Harmonies

Analogous

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



11629731



12676997



12612455

Triad

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



12676997



7835731



1610430

Complementary

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



12676997



7324075

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.



38824



12676997



5346667

Square

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



12676997



9996105



1874058



6261188

Rectangle

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



12676997



12024151



1874058



38072

Sweetspot

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



12676997



16439778



11169729



8218990



16579836



8224125

Same Dimension

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



12676997



16415389



12681583



6379354



10551339



2162697

Inverse Universe

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



12676997



16415389



7319489



6379354



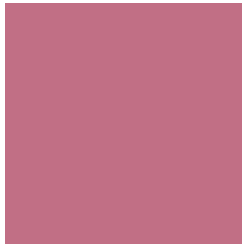
10551339



2162697

Previews

White Background



This preview shows how the Decimal color 12676997 looks on a white background.

Color Contrast Check

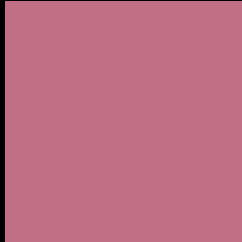
Large Text (above 18pt) WCAG AA ✓ Pass

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 12676997 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 12676997 Background



This preview shows how black text looks on a background with the Decimal color 12676997.




This preview shows how white text looks on a background with the Decimal color 12676997.

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
12611961

Trichromacy



Original Color
12676997

Protanomaly
10256014

Deuteranomaly
10910850

Tritanomaly
12611709

Monochromacy



Original Color
12676997

Achromatopsia
9079434

Achromatomaly
10387592

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12676997 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 #C16F85 looks like.

```
.text, #text, p{  
    color:#C16F85  
}
```

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 #C16F85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C16F85
}
```

Border

The CSS property to change the border of an element to Decimal 12676997 is called "border". The border property can be set on classes, ids or directly on the HTML element.

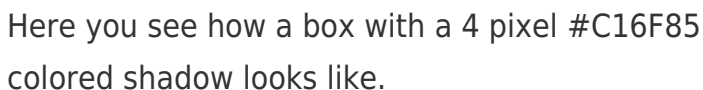
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C16F85 }
```

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

```
.border{ border-color:#C16F85 }
```

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



Here you see how a box with a 4 pixel #C16F85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C16F85; -webkit-box-shadow:4px 4px  
4px 4px #C16F85; box-shadow:4px 4px 4px  
4px #C16F85 }
```

Background

The CSS property to change the background color of an element to Decimal 12676997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C16F85 }
```

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

```
.background{ background-color:#C16F85 }
```

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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