

Converting Colors

Decimal(12877253)

Have a look what the booklet for
Decimal(12877253) contains.

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Color

Decimal(12877253)

Conversions

Conversions Part 1

Format	Color
Hex	C47DC5
RGB	196, 125, 197
RGB Percent	77%, 49%, 77%
CMY	0.2314, 0.5098, 0.2275
CMYK	0.01, 0.37, 0.00, 0.23
HSL	299°, 38%, 63%
HSV	299°, 37%, 77%
XYZ	40.1766, 30.4342, 56.5802
YIQ	154.4370, 19.2040, 37.4440

Conversions

Conversions Part 2

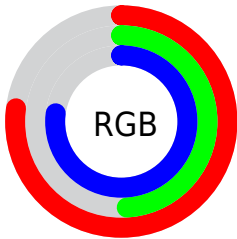
Format	Color
R _{YB}	196, 125, 197
Decimal	12877253
CIE Lab	62.03, 38.92, -26.26
CIE LCh	62, 46.953, 325.990
Yxy	30.4342, 0.3159, 0.2393
Android (android.graphics.Color)	4291067333 (0xFFC47DC5)
YUV	154.4370, 20.9836, 36.4508
Hunter-Lab	55.1672, 33.4535, -22.1915

Details

The Decimal color **12877253** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8308093**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **16692222**, and **9259663** is the 20% darker color. If you saturate the color by 10%, you get **12872133**, and if you desaturate by 10%, it is **12882373**.

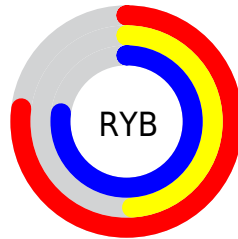
Distribution



Red (77%)

Green (49%)

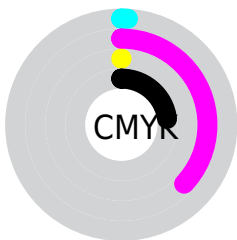
Blue (77%)



Red (77%)

Yellow (49%)

Blue (77%)

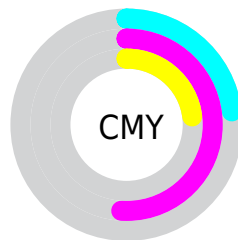


Cyan (1%)

Magenta (37%)

Yellow (0%)

Black (23%)



Cyan (23%)

Magenta (51%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12877253 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 12877253 by changing the saturation by 10% instead.

 12877253

 12877253

16777215

 11035562

 16692222

 9259663

 16764927

 7483765

 16772095

 5838940

 4194372

 2752558

 24

 0

 12877253

 12877253

 12872133

 12882373

 12801733

 12952773

 12796613

 12957893

 12791493

 12963013

 12786629

 12968133

 12715973

 13038533

 12714181

 13041605

Harmonies

Analogous

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



9473505



12877253



14644125

Triad

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



12877253



11768384



43705

Complementary

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



12877253



8308093

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.



43919



12877253



9084488

Square

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



12877253



13795922



5744486



42714

Rectangle

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



12877253



14971777



5744486



43947

Sweetspot

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



12877253



16770047



8224453



8351616



0



8421504

Same Dimension

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



12877253



16617471



12942754



6511203



10551459



2293796

Inverse Universe

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



12942718



16748432



8242592



6511194



10682370



2359296

Previews

White Background



This preview shows how the Decimal color 12877253 looks on a white background.

Color Contrast Check

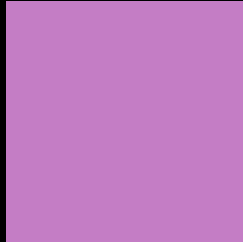
Large Text (above 18pt) WCAG AA × Fail

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 12877253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

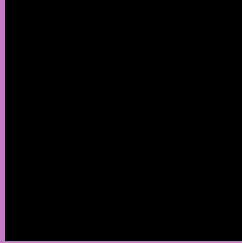
Any Text WCAG AA ✓ Pass

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 12877253 Background



This preview shows how black text looks on a background with the Decimal color 12877253.

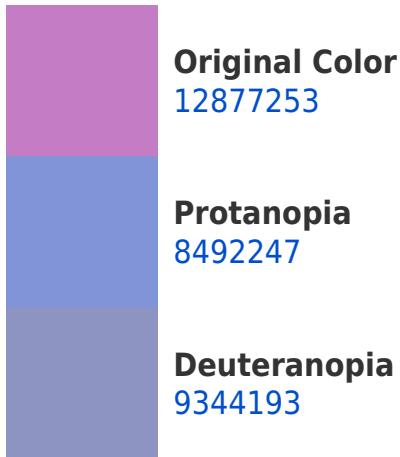



This preview shows how white text looks on a background with the Decimal color 12877253.

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
12421266

Trichromacy



Original Color
12877253



Protanomaly
10063056



Deuteranomaly
10652866



Tritanomaly
12616869

Monochromacy



Original Color
12877253



Achromatopsia
10132122



Achromatomaly
11112362

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12877253 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 #C47DC5 looks like.

```
.text, #text, p{  
  color:#C47DC5  
}
```

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 #C47DC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C47DC5
}
```

Border

The CSS property to change the border of an element to Decimal 12877253 is called "border". The border property can be set on classes, ids or directly on the HTML element.

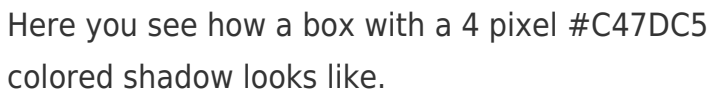
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C47DC5 }
```

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

```
.border{ border-color:#C47DC5 }
```

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



Here you see how a box with a 4 pixel `#C47DC5` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C47DC5; -webkit-box-shadow:4px 4px  
4px 4px #C47DC5; box-shadow:4px 4px 4px  
4px #C47DC5 }
```

Background

The CSS property to change the background color of an element to Decimal 12877253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C47DC5 }
```

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

```
.background{ background-color:#C47DC5 }
```

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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