

Converting Colors

Decimal(12811724)

Have a look what the booklet for
Decimal(12811724) contains.

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Color

Decimal(12811724)

Conversions

Conversions Part 1

Format	Color
Hex	C37DCC
RGB	195, 125, 204
RGB Percent	76%, 49%, 80%
CMY	0.2353, 0.5098, 0.2000
CMYK	0.04, 0.39, 0.00, 0.20
HSL	293°, 44%, 65%
HSV	293°, 39%, 80%
XYZ	40.7384, 30.6290, 60.8916
YIQ	154.9360, 16.3610, 39.4090

Conversions

Conversions Part 2

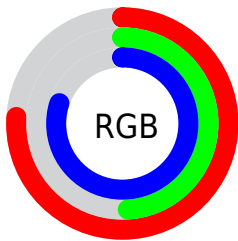
Format	Color
RYB	195, 125, 204
Decimal	12811724
CIELab	62.19, 39.95, -29.96
CIElCh	62, 49.934, 323.129
Yxy	30.6290, 0.3080, 0.2316
Android (android.graphics.Color)	4291001804 (0xFFC37DCC)
YUV	154.9360, 24.1886, 35.1361
Hunter-Lab	55.3434, 34.5430, -26.4934

Details

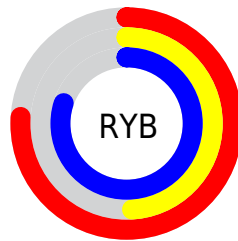
The Decimal color **12811724** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **8834173**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **16626687**, and **9194134** is the 20% darker color. If you saturate the color by 10%, you get **12675532**, and if you desaturate by 10%, it is **12947916**.

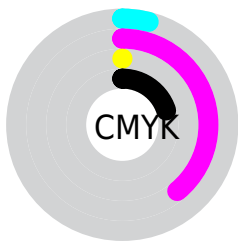
Distribution



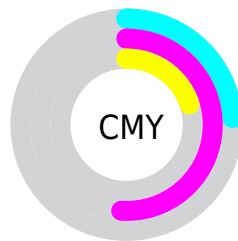
- Red (76%)
- Green (49%)
- Blue (80%)



- Red (76%)
- Yellow (49%)
- Blue (80%)



- Cyan (4%)
- Magenta (39%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (51%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12811724 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 12811724 by changing the saturation by 10% instead.

 12811724

 12811724

16777215

 10970032

 16626687

 9194134

 16764927

 7418235

 16772095

 5707618

 4063306

 2621491

 29

 0

 12811724

 12811724

 12675532

 12947916

 12473548

 13149900

 12337356

 13286092

 12200908

 13422540

 11999180

 13624268

 11862988

 13760460

 11862220

 13893580

 14090188

 14221260

Harmonies

Analogous

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



8949736



12811724



14840226

Triad

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



12811724



12095547



44216

Complementary

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



12811724



8834173

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.



44170



12811724



9346625

Square

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



12811724



14188625



5810015



43228

Rectangle

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



12811724



15298692



5810015



44457

Sweetspot

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



12811724



16572671



8226508



8220288



0



8421504

Same Dimension

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



12811724



15895295



13401518



6642790



9633958



2228262

Inverse Universe

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



13401478



16747159



8244379



6708317



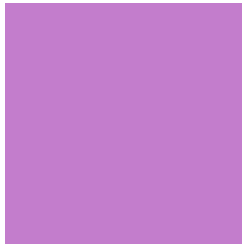
10878995



2490372

Previews

White Background



This preview shows how the Decimal color 12811724 looks on a white background.

Color Contrast Check

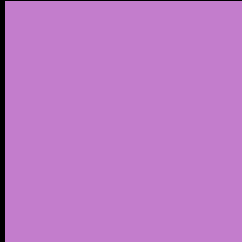
Large Text (above 18pt) WCAG AA × Fail

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 12811724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

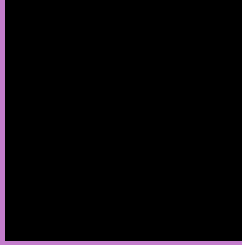
Any Text WCAG AA ✓ Pass

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 12811724 Background



This preview shows how black text looks on a background with the Decimal color 12811724.




This preview shows how white text looks on a background with the Decimal color 12811724.

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
12290451

Trichromacy



Original Color

12811724



Protanomaly

9931991



Deuteranomaly

10456265



Tritanomaly

12486056

Monochromacy



Original Color

12811724



Achromatopsia

10197915



Achromatomaly

11178157

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12811724 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 #C37DCC looks like.

```
.text, #text, p{  
    color:#C37DCC  
}
```

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 #C37DCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C37DCC
}
```

Border

The CSS property to change the border of an element to Decimal 12811724 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
#C37DCC }
```

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

```
.border{ border-color:#C37DCC }
```

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

Here you see how a box with a 4 pixel #C37DCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C37DCC; -webkit-box-shadow:4px 4px  
4px 4px #C37DCC; box-shadow:4px 4px 4px  
4px #C37DCC }
```

Background

The CSS property to change the background color of an element to Decimal 12811724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C37DCC }
```

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

```
.background{ background-color:#C37DCC }
```

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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