

Converting Colors

Decimal(12872130)

Have a look what the booklet for
Decimal(12872130) contains.

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Color

Decimal(12872130)

Conversions

Conversions Part 1

Format	Color
Hex	C469C2
RGB	196, 105, 194
RGB Percent	77%, 41%, 76%
CMY	0.2314, 0.5882, 0.2392
CMYK	0.00, 0.46, 0.01, 0.23
HSL	301°, 44%, 59%
HSV	301°, 46%, 77%
XYZ	37.5541, 25.7340, 54.0268
YIQ	142.3550, 25.6670, 46.9710

Conversions

Conversions Part 2

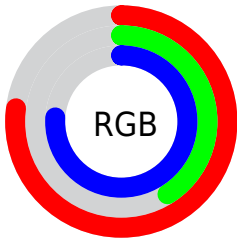
Format	Color
R_{YB}	196, 105, 194
Decimal	12872130
CIE _{Lab}	57.78, 48.86, -31.12
CIE _{LCh}	58, 57.933, 327.505
Yxy	25.7340, 0.3201, 0.2194
Android (android.graphics.Color)	4291062210 (0xFFC469C2)
YUV	142.3550, 25.4610, 47.0467
Hunter-Lab	50.7286, 43.3674, -27.6347

Details

The Decimal color **12872130** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6931563**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **16687099**, and **9188492** is the 20% darker color. If you saturate the color by 10%, you get **12867010**, and if you desaturate by 10%, it is **12877250**.

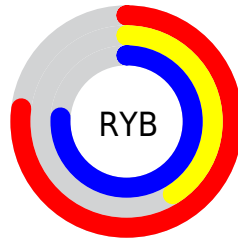
Distribution



Red (77%)

Green (41%)

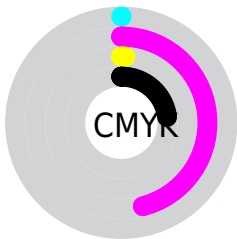
Blue (76%)



Red (77%)

Yellow (41%)

Blue (76%)

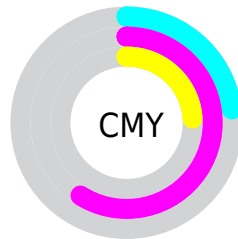


Cyan (0%)

Magenta (46%)

Yellow (1%)

Black (23%)



Cyan (23%)

Magenta (59%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12872130 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 12872130 by changing the saturation by 10% instead.

 12872130

 12872130

16777215

 11030439

 16687099

 9188492

 16759807

 7411826

 16766975

 5701721

 16774399

 3997762

 2555947

 277

 0

 12872130

 12872130

12867010

12877250

12862145

12882115

12857025

12887235

12852160

12892100

12847040

12897220

12845248

12902341

12907205

12910533

12910534

Harmonies

Analogous

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



8617957



12872130



14900113

Triad

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



12872130



11044632



41656

Complementary

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



12872130



6931563

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.



41861



12872130



7837223

Square

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



12872130



13595444



2924114



40672

Rectangle

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



12872130



15162479



2924114



41896

Sweetspot

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



12872130



16767998



7039428



8415871



0



8421504

Same Dimension

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



12872130



16740604



12872085



6379361



10551453



2162720

Inverse Universe

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



12872130



16740604



6931608



6379361



10551453



2162720

Previews

White Background



This preview shows how the Decimal color 12872130 looks on a white background.

Color Contrast Check

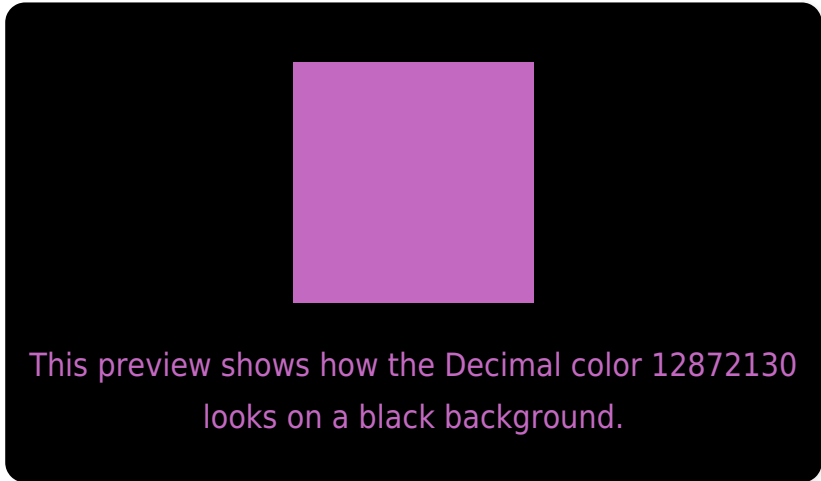
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



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 12872130 Background



This preview shows how black text looks on a background with the Decimal color 12872130.

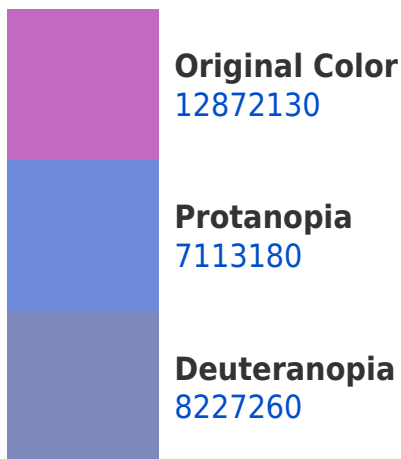



This preview shows how white text looks on a background with the Decimal color 12872130.

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
12351617

Trichromacy



Original Color
12872130



Protanomaly
9207251



Deuteranomaly
9928126



Tritanomaly
12546969

Monochromacy



Original Color
12872130



Achromatopsia
9342606



Achromatomaly
10650017

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12872130 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 #C469C2 looks like.

```
.text, #text, p{  
  color:#C469C2  
}
```

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 #C469C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C469C2
}
```

Border

The CSS property to change the border of an element to Decimal 12872130 is called "border". The border property can be set on classes, ids or directly on the HTML element.

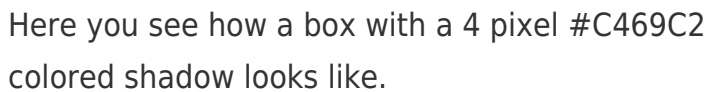
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C469C2 }
```

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

```
.border{ border-color:#C469C2 }
```

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



Here you see how a box with a 4 pixel `#C469C2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C469C2; -webkit-box-shadow:4px 4px  
4px 4px #C469C2; box-shadow:4px 4px 4px  
4px #C469C2 }
```

Background

The CSS property to change the background color of an element to Decimal 12872130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C469C2 }
```

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

```
.background{ background-color:#C469C2 }
```

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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