

Converting Colors

Decimal(12896230)

Have a look what the booklet for
Decimal(12896230) contains.

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Color

Decimal(12896230)

Conversions

Conversions Part 1

Format	Color
Hex	C4C7E6
RGB	196, 199, 230
RGB Percent	77%, 78%, 90%
CMY	0.2314, 0.2196, 0.0980
CMYK	0.15, 0.13, 0.00, 0.10
HSL	235°, 40%, 84%
HSV	235°, 15%, 90%
XYZ	57.4713, 58.2958, 83.0861
YIQ	201.6370, -11.7390, 9.0050

Conversions

Conversions Part 2

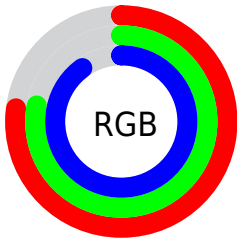
Format	Color
R _Y B	196, 199, 230
Decimal	12896230
CIE Lab	80.90, 5.12, -15.69
CIE LCh	81, 16.503, 288.077
Yxy	58.2958, 0.2890, 0.2932
Android (android.graphics.Color)	4291086310 (0xFFC4C7E6)
YUV	201.6370, 13.9830, -4.9436
Hunter-Lab	76.3517, 0.7448, -11.0733

Details

The Decimal color **12896230** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **15131588**, and the grayscale version is **13290186**.

A 20% lighter version of the original color is **16646143**, and **9343406** is the 20% darker color. If you saturate the color by 10%, you get **11383526**, and if you desaturate by 10%, it is **14408934**.

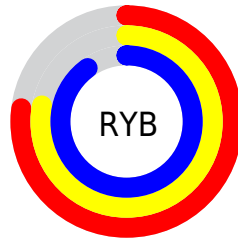
Distribution



Red (77%)

Green (78%)

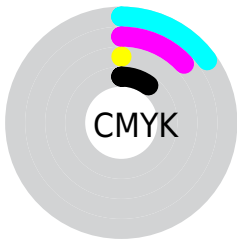
Blue (90%)



Red (77%)

Yellow (78%)

Blue (90%)

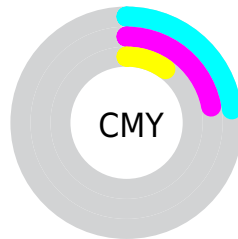


Cyan (15%)

Magenta (13%)

Yellow (0%)

Black (10%)



Cyan (23%)

Magenta (22%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12896230 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 12896230 by changing the saturation by 10% instead.



■ 12896230

■ 12896230

■ 11383526

■ 14408934

■ 9870822

■ 15921638

■ 8358118

■ 16777190

■ 6845414

■ 5332710

■ 3820006

■ 2307302

■ 794598

■ 5350

Harmonies

Analogous

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



11652327



12896230



14140126

Triad

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



12896230



15122867



11195074

Complementary

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



12896230



15131588

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.



12177332



12896230



14403243

Square

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



12896230



15384256



13355948



10605266

Rectangle

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



12896230



14794965



13355948



11522493

Sweetspot

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



12896230



16119551



12904163



7961216



0



8421504

Same Dimension

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



12896230



13751807



13812966



6776947



4275



1075

Inverse Universe

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



15123655



16765397



14214852



7563112



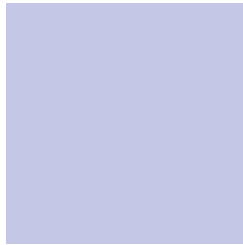
11730960



3342340

Previews

White Background



This preview shows how the Decimal color 12896230 looks on a white background.

Color Contrast Check

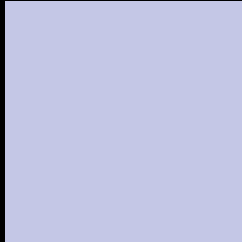
Large Text (above 18pt) WCAG AA × Fail

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 12896230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

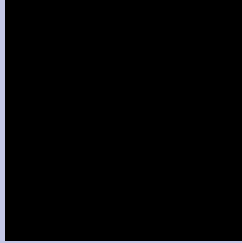
Any Text WCAG AA ✓ Pass

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 12896230 Background



This preview shows how black text looks on a background with the Decimal color 12896230.



This preview shows how white text looks on a background with the Decimal color 12896230.

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



Original Color
12896230

Protanopia
12830694

Deuteranopia
13550823

Trichromacy



Original Color
12896230

Protanomaly
12830694

Deuteranomaly
13288935

Tritanomaly
12830942

Monochromacy



Original Color
12896230

Achromatopsia
13290186

Achromatomaly
13158868

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12896230 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 #C4C7E6 looks like.

```
.text, #text, p{  
    color:#C4C7E6  
}
```

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 #C4C7E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4C7E6
}
```

Border

The CSS property to change the border of an element to Decimal 12896230 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
#C4C7E6 }
```

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

```
.border{ border-color:#C4C7E6 }
```

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

Here you see how a box with a 4 pixel #C4C7E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4C7E6; -webkit-box-shadow:4px 4px  
4px 4px #C4C7E6; box-shadow:4px 4px 4px  
4px #C4C7E6 }
```

Background

The CSS property to change the background color of an element to Decimal 12896230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4C7E6 }
```

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

```
.background{ background-color:#C4C7E6 }
```

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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