

Converting Colors

Decimal(12830447)

Have a look what the booklet for
Decimal(12830447) contains.

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Color

Decimal(12830447)

Conversions

Conversions Part 1

Format	Color
Hex	C3C6EF
RGB	195, 198, 239
RGB Percent	76%, 78%, 94%
CMY	0.2353, 0.2235, 0.0627
CMYK	0.18, 0.17, 0.00, 0.06
HSL	236°, 58%, 85%
HSV	236°, 18%, 94%
XYZ	58.2797, 58.2223, 89.8277
YIQ	201.7770, -14.9490, 12.1150

Conversions

Conversions Part 2

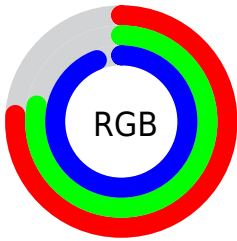
Format	Color
R_{YB}	195, 198, 239
Decimal	12830447
CIE Lab	80.86, 7.27, -20.57
CIE LCh	81, 21.820, 289.461
Yxy	58.2223, 0.2825, 0.2822
Android (android.graphics.Color)	4291020527 (0xFFC3C6EF)
YUV	201.7770, 18.3509, -5.9434
Hunter-Lab	76.3035, 2.8051, -16.3862

Details

The Decimal color **12830447** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **15723715**, and the grayscale version is **13290186**.

A 20% lighter version of the original color is **16580607**, and **9277623** is the 20% darker color. If you saturate the color by 10%, you get **11251951**, and if you desaturate by 10%, it is **14408943**.

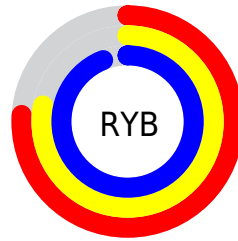
Distribution



Red (76%)

Green (78%)

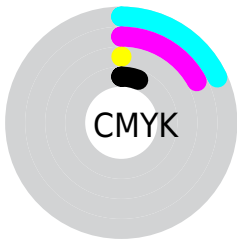
Blue (94%)



Red (76%)

Yellow (78%)

Blue (94%)

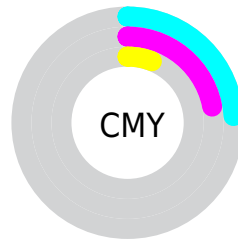


Cyan (18%)

Magenta (17%)

Yellow (0%)

Black (6%)



Cyan (24%)

Magenta (22%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12830447 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 12830447 by changing the saturation by 10% instead.

■ 12830447

■ 12830447

16777215

■ 11054035

■ 16580607

■ 9277623

■ 7567260

■ 5922434

■ 4343401

■ 2764880

■ 1252153

■ 36

■ 12

■ 12830447

■ 12830447

■ 11251951

■ 14408943

■ 9673199

■ 15987695

■ 8094703

■ 16777199

■ 6516207

■ 4937711

■ 3424495

■ 1845999

■ 267503

■ 4335

Harmonies

Analogous

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



11062768



12830447



14467043

Triad

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



12830447



15646635



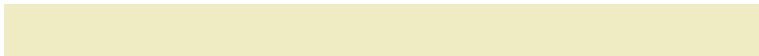
10409153

Complementary

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



12830447



15723715

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.



11784622



12830447



14665121

Square

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



12830447



15973308



13290658



9622742

Rectangle

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



12830447



15318232



13290658



10802106

Sweetspot

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



12830447



15790591



12840939



7829376



0



8421504

Same Dimension

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



12830447



13093887



14009327



7105912



3512



1080

Inverse Universe

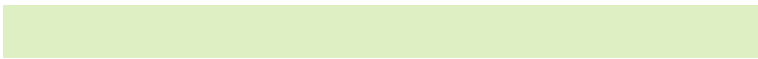
The Inverse Universe completely reimagines the original color for something new.



15713222



16762827



14544835



7892077



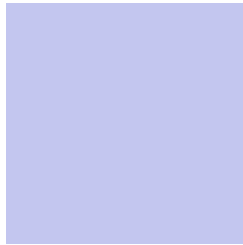
12058637



3670020

Previews

White Background



This preview shows how the Decimal color 12830447 looks on a white background.

Color Contrast Check

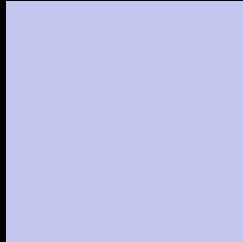
Large Text (above 18pt) WCAG AA × Fail

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 12830447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

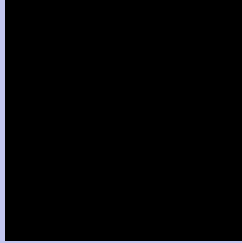
Any Text WCAG AA ✓ Pass

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 12830447 Background



This preview shows how black text looks on a background with the Decimal color 12830447.



This preview shows how white text looks on a background with the Decimal color 12830447.

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](#).

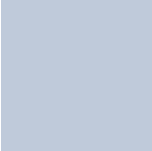
Dichromacy



Original Color
12830447

Protanopia
12634096

Deuteranopia
13223151



Tritanopia
12569306

Trichromacy



Original Color
12830447

Protanomaly
12699632

Deuteranomaly
13092335

Tritanomaly
12634594

Monochromacy



Original Color
12830447

Achromatopsia
13290186

Achromatomaly
13093335

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12830447 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 #C3C6EF looks like.

```
.text, #text, p{  
    color:#C3C6EF  
}
```

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 #C3C6EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3C6EF
}
```

Border

The CSS property to change the border of an element to Decimal 12830447 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
#C3C6EF }
```

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

```
.border{ border-color:#C3C6EF }
```

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

Here you see how a box with a 4 pixel #C3C6EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3C6EF; -webkit-box-shadow:4px 4px  
4px 4px #C3C6EF; box-shadow:4px 4px 4px  
4px #C3C6EF }
```

Background

The CSS property to change the background color of an element to Decimal 12830447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3C6EF }
```

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

```
.background{ background-color:#C3C6EF }
```

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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