

Converting Colors

Decimal(13227261)

Have a look what the booklet for
Decimal(13227261) contains.

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Color

Decimal(13227261)

Conversions

Conversions Part 1

Format	Color
Hex	C9D4FD
RGB	201, 212, 253
RGB Percent	79%, 83%, 99%
CMY	0.2118, 0.1686, 0.0078
CMYK	0.21, 0.16, 0.00, 0.01
HSL	227°, 93%, 89%
HSV	227°, 21%, 99%
XYZ	65.3605, 66.5963, 102.3380
YIQ	213.3850, -19.7170, 10.4190

Conversions

Conversions Part 2

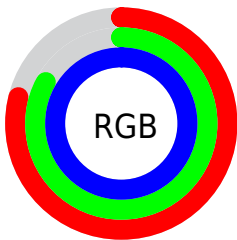
Format	Color
RYB	201, 210, 253
Decimal	13227261
CIELab	85.30, 4.69, -21.25
CIELCh	85, 21.767, 282.449
Yxy	66.5963, 0.2790, 0.2842
Android (android.graphics.Color)	4291417341 (0xFFC9D4FD)
YUV	213.3850, 19.5302, -10.8616
Hunter-Lab	81.6066, 0.1531, -17.2275

Details

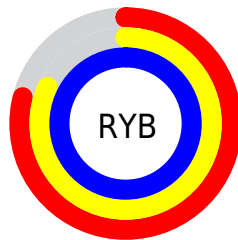
The Decimal color **13227261** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16642761**, and the grayscale version is **14013909**.

A 20% lighter version of the original color is **16777215**, and **9608900** is the 20% darker color. If you saturate the color by 10%, you get **11583741**, and if you desaturate by 10%, it is **14870781**.

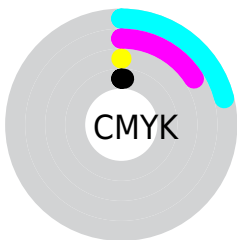
Distribution



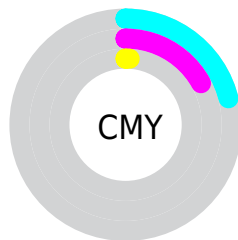
- Red (79%)
- Green (83%)
- Blue (99%)



- Red (79%)
- Yellow (82%)
- Blue (99%)



- Cyan (21%)
- Magenta (16%)
- Yellow (0%)
- Black (1%)



- Cyan (21%)
- Magenta (17%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13227261 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 13227261 by changing the saturation by 10% instead.

■ 13227261

16777215

■ 13227261

■ 11385056

■ 9608900

■ 7898025

■ 6253198

■ 4608629

■ 3029852

■ 1451588

■ 4398

■ 281

■ 13227261

■ 13227261

■ 11583741

■ 14870781

■ 9874685

■ 16579837

■ 8231165

16777213

■ 6587645

■ 4878589

■ 3235069

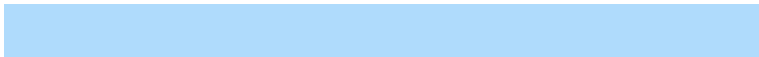
■ 1591549

■ 14077

Harmonies

Analogous

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



11525116



13227261



14929396

Triad

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



13227261



16632506



11526344

Complementary

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



13227261



16642761

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.



12967094



13227261



15782062

Square

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



13227261



16762829



14472877



10543581

Rectangle

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



13227261



15911401



14472877



11919297

Sweetspot

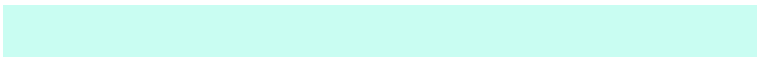
The Sweet Spot groups the original color and five complimentary colors.



13227261



15791103



13237746



7829632



0



8421504

Same Dimension

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



13227261



12570111



14207485



7566720



10431



3392

Inverse Universe

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



16632276



16760781



15662537



8418165



12517416



4194317

Previews

White Background



This preview shows how the Decimal color 13227261 looks on a white background.

Color Contrast Check

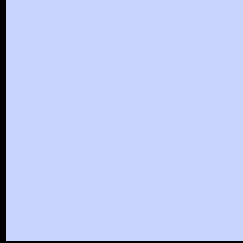
Large Text (above 18pt) WCAG AA × Fail

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 13227261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

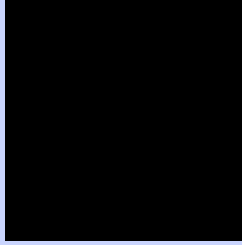
Any Text WCAG AA ✓ Pass

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 13227261 Background



This preview shows how black text looks on a background with the Decimal color 13227261.

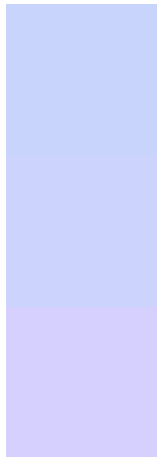


This preview shows how white text looks on a background with the Decimal color 13227261.

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](#).

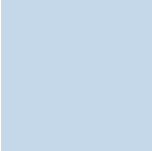
Dichromacy



Original Color
13227261

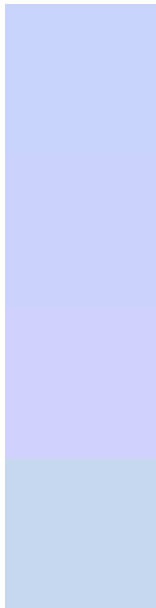
Protanopia
13423612

Deuteranopia
14078206



Tritanopia
12966121

Trichromacy



Original Color
13227261

Protanomaly
13358076

Deuteranomaly
13750782

Tritanomaly
13031408

Monochromacy



Original Color
13227261

Achromatopsia
14013909

Achromatomaly
13751780

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13227261 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 #C9D4FD looks like.

```
.text, #text, p{  
    color:#C9D4FD  
}
```

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 #C9D4FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9D4FD
}
```

Border

The CSS property to change the border of an element to Decimal 13227261 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
#C9D4FD }
```

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

```
.border{ border-color:#C9D4FD }
```

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

Here you see how a box with a 4 pixel #C9D4FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9D4FD; -webkit-box-shadow:4px 4px  
4px 4px #C9D4FD; box-shadow:4px 4px 4px  
4px #C9D4FD }
```

Background

The CSS property to change the background color of an element to Decimal 13227261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9D4FD }
```

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

```
.background{ background-color:#C9D4FD }
```

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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