

Converting Colors

Decimal(13813759)

Have a look what the booklet for
Decimal(13813759) contains.

Decimal(13813759)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(13813759)

Conversions

Conversions Part 1

Format	Color
Hex	D2C7FF
RGB	210, 199, 255
RGB Percent	82%, 78%, 100%
CMY	0.1765, 0.2196, 0.0000
CMYK	0.18, 0.22, 0.00, 0.00
HSL	252°, 100%, 89%
HSV	252°, 22%, 100%
XYZ	65.0518, 61.7685, 103.1017
YIQ	208.6730, -11.4200, 19.7480

Conversions

Conversions Part 2

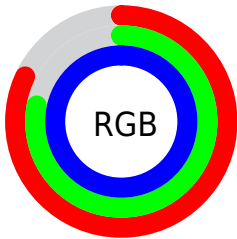
Format	Color
R _Y B	210, 199, 255
Decimal	13813759
CIE Lab	82.79, 14.81, -26.07
CIE LCh	83, 29.983, 299.608
Yxy	61.7685, 0.2829, 0.2686
Android (android.graphics.Color)	4292003839 (0xFFD2C7FF)
YUV	208.6730, 22.8392, 1.1638
Hunter-Lab	78.5929, 10.2077, -22.7642

Details

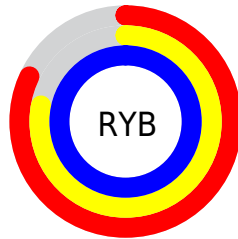
The Decimal color **13813759** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16056263**, and the grayscale version is **13684944**.

A 20% lighter version of the original color is **16777215**, and **10195398** is the 20% darker color. If you saturate the color by 10%, you get **12496639**, and if you desaturate by 10%, it is **15131135**.

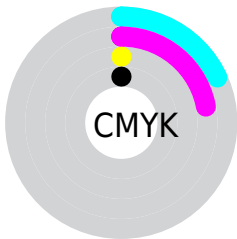
Distribution



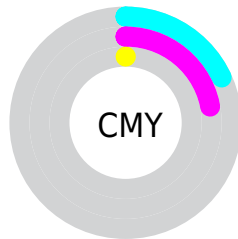
- Red (82%)
- Green (78%)
- Blue (100%)



- Red (82%)
- Yellow (78%)
- Blue (100%)



- Cyan (18%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13813759 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 13813759 by changing the saturation by 10% instead.

■ 13813759

■ 13813759

16777215

■ 11971810

■ 10195398

■ 8419243

■ 6774672

■ 5130102

■ 3551581

■ 1973318

■ 655919

■ 282

13813759

13813759

12496639

15131135

11113727

16513791

9796351

16777215

8413695

7096319

5713663

4396287

3277055

Harmonies

Analogous

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



11260415



13813759



15908587

Triad

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



13813759



16434078



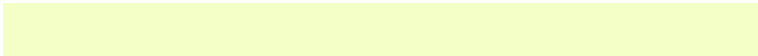
8969933

Complementary

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



13813759



16056263

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.



10804145



13813759



14929046

Square

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



13813759



16759988



12965277



8052201

Rectangle

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



13813759



16759513



12965277



9493955

Sweetspot

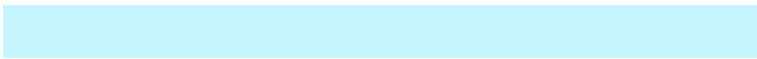
The Sweet Spot groups the original color and five complimentary colors.



13813759



15855103



13104639



7828864



0



8421504

Same Dimension

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



13813759



13286911



15583231



7697280



2490559



852032

Inverse Universe

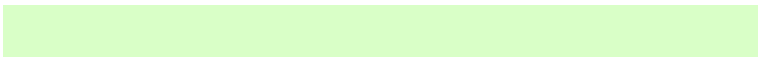
The Inverse Universe completely reimagines the original color for something new.



16762868



16760306



14286791



8418173



12517530



4194355

Previews

White Background



This preview shows how the Decimal color 13813759 looks on a white background.

Color Contrast Check

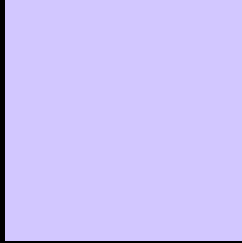
Large Text (above 18pt) WCAG AA × Fail

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 13813759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

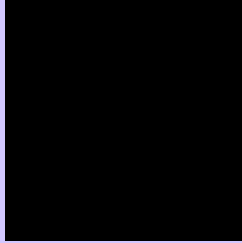
Any Text WCAG AA ✓ Pass

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 13813759 Background



This preview shows how black text looks on a background with the Decimal color 13813759.



This preview shows how white text looks on a background with the Decimal color 13813759.

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
13422045

Trichromacy



Original Color
13813759

Protanomaly
13159167

Deuteranomaly
13486590

Tritanomaly
13552617

Monochromacy



Original Color
13813759

Achromatopsia
13750737

Achromatomaly
13749730

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13813759 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 #D2C7FF looks like.

```
.text, #text, p{  
    color:#D2C7FF  
}
```

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 #D2C7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2C7FF
}
```

Border

The CSS property to change the border of an element to Decimal 13813759 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
#D2C7FF }
```

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

```
.border{ border-color:#D2C7FF }
```

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

Here you see how a box with a 4 pixel #D2C7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2C7FF; -webkit-box-shadow:4px 4px  
4px 4px #D2C7FF; box-shadow:4px 4px 4px  
4px #D2C7FF }
```

Background

The CSS property to change the background color of an element to Decimal 13813759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2C7FF }
```

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

```
.background{ background-color:#D2C7FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor