

Converting Colors

Decimal(13031679)

Have a look what the booklet for
Decimal(13031679) contains.

Decimal(13031679)	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(13031679)

Conversions

Conversions Part 1

Format	Color
Hex	C6D8FF
RGB	198, 216, 255
RGB Percent	78%, 85%, 100%
CMY	0.2235, 0.1529, 0.0000
CMYK	0.22, 0.15, 0.00, 0.00
HSL	221°, 100%, 89%
HSV	221°, 22%, 100%
XYZ	65.8946, 68.3375, 104.3252
YIQ	215.0640, -23.2470, 8.3130

Conversions

Conversions Part 2

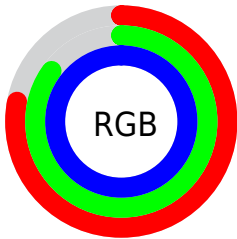
Format	Color
R _Y B	198, 212, 255
Decimal	13031679
CIE Lab	86.17, 2.12, -21.01
CIE LCh	86, 21.112, 275.759
Yxy	68.3375, 0.2762, 0.2865
Android (android.graphics.Color)	4291221759 (0xFFC6D8FF)
YUV	215.0640, 19.6884, -14.9651
Hunter-Lab	82.6665, -2.3816, -16.9575

Details

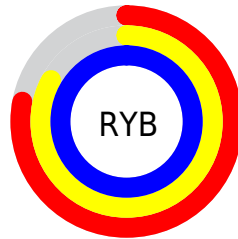
The Decimal color **13031679** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16772550**, and the grayscale version is **14145495**.

A 20% lighter version of the original color is **16777215**, and **9413062** is the 20% darker color. If you saturate the color by 10%, you get **11388927**, and if you desaturate by 10%, it is **14739967**.

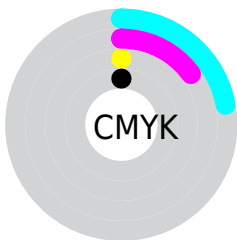
Distribution



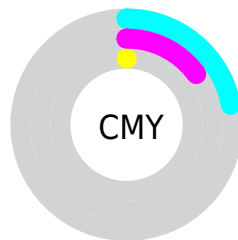
- Red (78%)
- Green (85%)
- Blue (100%)



- Red (78%)
- Yellow (83%)
- Blue (100%)



- Cyan (22%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13031679 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 13031679 by changing the saturation by 10% instead.

■ 13031679

16777215

■ 13031679

■ 11189474

■ 9413062

■ 7702443

■ 6057616

■ 4413047

■ 2768734

■ 1124678

■ 5167

■ 283

■ 13031679

■ 13031679

■ 11388927

■ 14739967

■ 9680383

■ 16382975

■ 8037631

16777215

■ 6329087

■ 4686335

■ 2977791

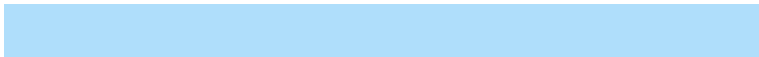
■ 1335039

■ 20991

Harmonies

Analogous

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



11525883



13031679



14733816

Triad

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



13031679



16764097



12051143

Complementary

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



13031679



16772550

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.



13491639



13031679



16175540

Square

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



13031679



16763604



14931888



10937307

Rectangle

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



13031679



15715822



14931888



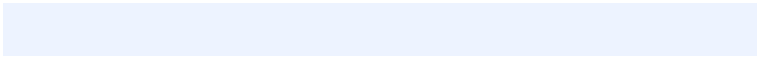
12509633

Sweetspot

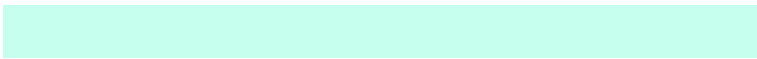
The Sweet Spot groups the original color and five complimentary colors.



13031679



15594495



13041645



7698816



0



8421504

Same Dimension

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



13031679



12243199



13682431



7567232



15551



5184

Inverse Universe

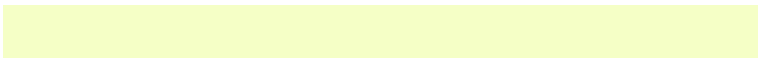
The Inverse Universe completely reimagines the original color for something new.



16762584



16759504



16121798



8418167



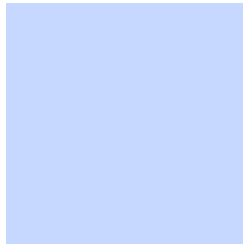
12517436



4194324

Previews

White Background



This preview shows how the Decimal color 13031679 looks on a white background.

Color Contrast Check

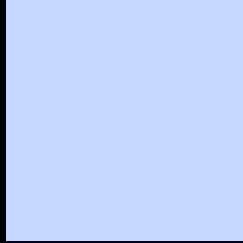
Large Text (above 18pt) WCAG AA × Fail

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 13031679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

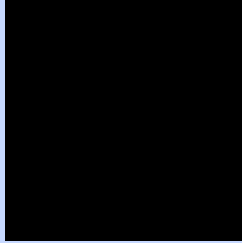
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

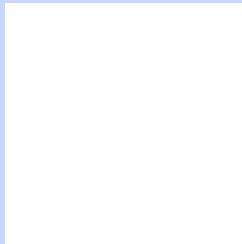
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 13031679 Background



This preview shows how black text looks on a background with the Decimal color 13031679.



This preview shows how white text looks on a background with the Decimal color 13031679.

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



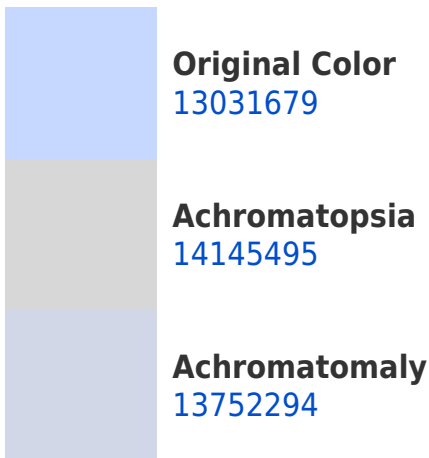


Tritanopia
12770285

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 13031679 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 #C6D8FF looks like.

```
.text, #text, p{  
    color:#C6D8FF  
}
```

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 #C6D8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6D8FF }  
}
```

Border

The CSS property to change the border of an element to Decimal 13031679 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 #C6D8FF }  
}
```

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

```
.border{ border-color:#C6D8FF }
```

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

Here you see how a box with a 4 pixel #C6D8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6D8FF; -webkit-box-shadow:4px 4px  
4px 4px #C6D8FF; box-shadow:4px 4px 4px  
4px #C6D8FF }
```

Background

The CSS property to change the background color of an element to Decimal 13031679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6D8FF }
```

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

```
.background{ background-color:#C6D8FF }
```

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