

# Converting Colors

Decimal(13031930)

Have a look what the booklet for  
Decimal(13031930) contains.

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# **Color**

**Decimal(13031930)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6D9FA
RGB	198, 217, 250
RGB Percent	78%, 85%, 98%
CMY	0.2235, 0.1490, 0.0196
CMYK	0.21, 0.13, 0.00, 0.02
HSL	218°, 84%, 88%
HSV	218°, 21%, 98%
XYZ	65.3569, 68.5336, 100.2261
YIQ	215.0810, -21.9170, 6.2350

# Conversions

## Conversions Part 2

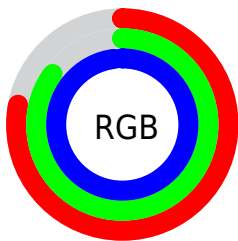
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 212, 250
Decimal	13031930
CIELab	86.27, 0.49, -18.22
CIELCh	86, 18.227, 271.542
Yxy	68.5336, 0.2792, 0.2927
Android (android.graphics.Color)	4291222010 (0xFFC6D9FA)
YUV	215.0810, 17.2151, -14.9800
Hunter-Lab	82.7850, -3.9521, -13.8317

# Details

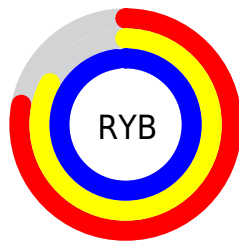
The Decimal color **13031930** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16443334**, and the grayscale version is **14145495**.

A 20% lighter version of the original color is **16777215**, and **9413313** is the 20% darker color. If you saturate the color by 10%, you get **11389434**, and if you desaturate by 10%, it is **14674426**.

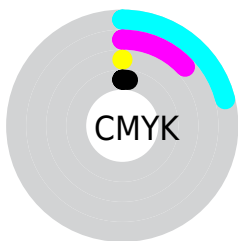
# Distribution



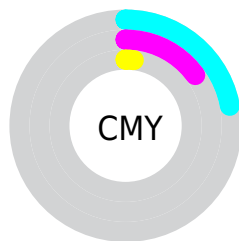
- Red (78%)
- Green (85%)
- Blue (98%)



- Red (78%)
- Yellow (83%)
- Blue (98%)



- Cyan (21%)
- Magenta (13%)
- Yellow (0%)
- Black (2%)



- Cyan (22%)
- Magenta (15%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13031930 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 13031930 by changing the saturation by 10% instead.



■ 13031930

16777215

■ 13031930

■ 11189725

■ 9413313

■ 7702694

■ 6057868

■ 4413042

■ 2834266

■ 1255746

■ 5420

■ 279

■ 13031930

■ 13031930

■ 11389434

■ 14674426

■ 9746938

■ 16316922

■ 8104442

■ 16777210

■ 6462202

■ 4819706

■ 3177210

■ 1534714

■ 23546

# Harmonies

## Analogous

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



11788022



13031930



14472181

# Triad

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



13031930



16567751



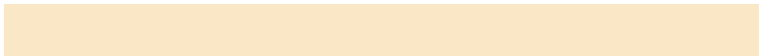
12509383

# Complementary

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



13031930



16443334

# 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.



13819066



13031930



16044474

# Square

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



13031930



16501976



15062966



11526872

# Rectangle

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



13031930



15388910



15062966



12902338

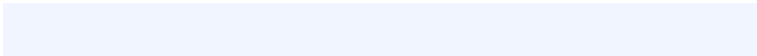


# Sweetspot

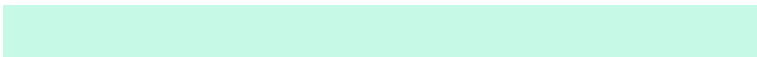
The Sweet Spot groups the original color and five complimentary colors.



13031930



15791615



13040359



7830144



0



8421504



# Same Dimension

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



13031930



12572671



13485818



7370109



17853



5693



# Inverse Universe

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



16434905



16760791



15989446



8220789



12386373

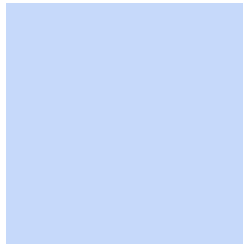


3997718



# Previews

## White Background



This preview shows how the Decimal color 13031930 looks on a white background.

## Color Contrast Check

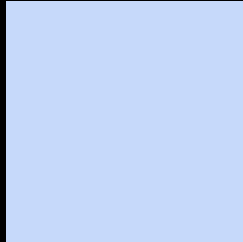
Large Text (above 18pt) WCAG AA × Fail

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 13031930 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

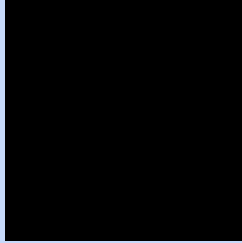
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

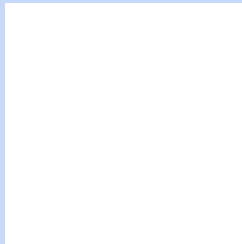
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13031930 Background



This preview shows how black text looks on a background with the Decimal color 13031930.



This preview shows how white text looks on a background with the Decimal color 13031930.

# 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](#).

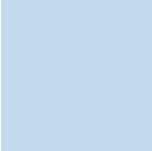
## Dichromacy



**Original Color**  
13031930

**Protanopia**  
13817592

**Deuteranopia**  
14406395

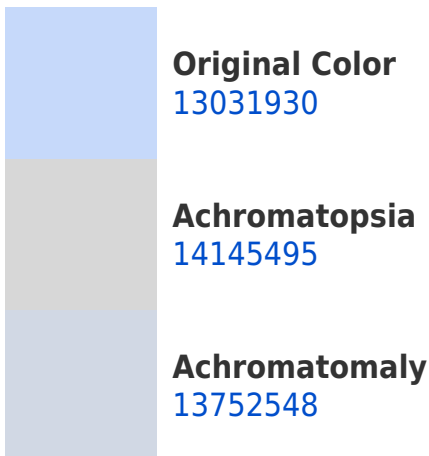


**Tritanopia**  
12835821

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13031930 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 #C6D9FA looks like.

```
.text, #text, p{  
    color:#C6D9FA  
}
```

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 #C6D9FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6D9FA
}
```

## Border

The CSS property to change the border of an element to Decimal 13031930 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
#C6D9FA }
```

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

```
.border{ border-color:#C6D9FA }
```

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

Here you see how a box with a 4 pixel #C6D9FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6D9FA; -webkit-box-shadow:4px 4px  
4px 4px #C6D9FA; box-shadow:4px 4px 4px  
4px #C6D9FA }
```

# Background

The CSS property to change the background color of an element to Decimal 13031930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6D9FA }
```

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

```
.background{ background-color:#C6D9FA }
```

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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