

# Converting Colors

Decimal(13160698)

Have a look what the booklet for  
Decimal(13160698) contains.

<b>Decimal(13160698)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(13160698)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8D0FA
RGB	200, 208, 250
RGB Percent	78%, 82%, 98%
CMY	0.2157, 0.1843, 0.0196
CMYK	0.20, 0.17, 0.00, 0.02
HSL	230°, 83%, 88%
HSV	230°, 20%, 98%
XYZ	63.6306, 64.2932, 99.4986
YIQ	210.3960, -18.2500, 11.3660

# Conversions

## Conversions Part 2

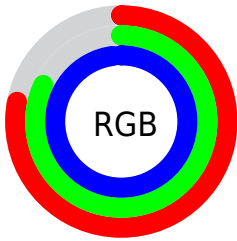
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 207, 250
Decimal	13160698
CIE <sub>Lab</sub>	84.12, 5.86, -21.46
CIE <sub>LCh</sub>	84, 22.248, 285.262
Yxy	64.2932, 0.2798, 0.2827
Android (android.graphics.Color)	4291350778 (0xFFC8D0FA)
YUV	210.3960, 19.5248, -9.1173
Hunter-Lab	80.1831, 1.3313, -17.4444

# Details

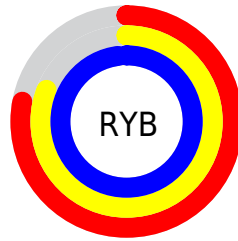
The Decimal color **13160698** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16446152**, and the grayscale version is **13816530**.

A 20% lighter version of the original color is **16777215**, and **9542337** is the 20% darker color. If you saturate the color by 10%, you get **11516922**, and if you desaturate by 10%, it is **14804474**.

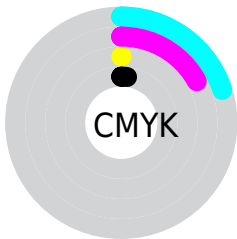
# Distribution



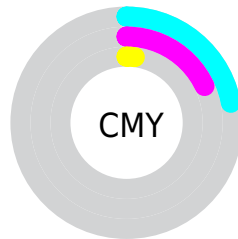
- Red (78%)
- Green (82%)
- Blue (98%)



- Red (78%)
- Yellow (81%)
- Blue (98%)



- Cyan (20%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (22%)
- Magenta (18%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13160698 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 13160698 by changing the saturation by 10% instead.



■ 13160698

16777215

■ 13160698

■ 11318493

■ 9542337

■ 7831718

■ 6186892

■ 4542322

■ 2963546

■ 1450818

■ 3372

■ 279

■ 13160698

■ 13160698

■ 11516922

■ 14804474

■ 9873146

■ 16448250

■ 8229370

■ 16777210

■ 6585594

■ 4941818

■ 3298042

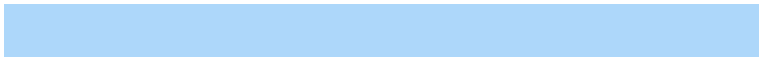
■ 1654266

■ 10490

# Harmonies

## Analogous

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



11393018



13160698



14928367

# Triad

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



13160698



16435125



11132358

# Complementary

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



13160698



16446152

# 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.



12573364



13160698



15519146

# Square

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



13160698



16696264



14144681



10149596

# Rectangle

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



13160698



15779300



14144681



11525312



# Sweetspot

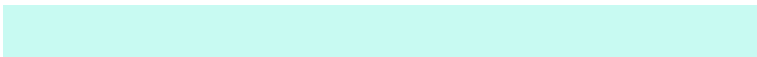
The Sweet Spot groups the original color and five complimentary colors.



13160698



15790847



13171442



7829632



0



8421504



# Same Dimension

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



13160698



12766463



14272762



7369341



7869



2621



# Inverse Universe

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



16435408



16761548



15334088



8220786



12386334

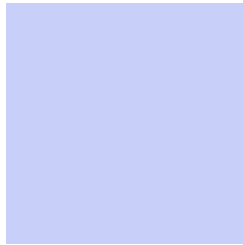


3997706



# Previews

## White Background



This preview shows how the Decimal color 13160698 looks on a white background.

## Color Contrast Check

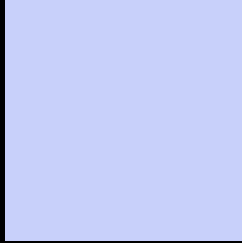
Large Text (above 18pt) WCAG AA × Fail

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 13160698 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

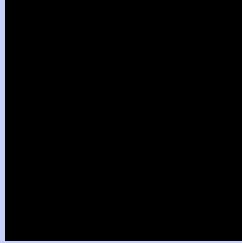
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Decimal 13160698 Background



This preview shows how black text looks on a background with the Decimal color 13160698.



This preview shows how white text looks on a background with the Decimal color 13160698.

# 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**  
13160698

**Protanopia**  
13226234

**Deuteranopia**  
13815291



**Tritanopia**  
12899557

# Trichromacy



**Original Color**  
13160698

**Protanomaly**  
13226234

**Deuteranomaly**  
13553403

**Tritanomaly**  
12964845

# Monochromacy



**Original Color**  
13160698

**Achromatopsia**  
13816530

**Achromatomaly**  
13554145

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13160698 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 #C8D0FA looks like.

```
.text, #text, p{  
    color:#C8D0FA  
}
```

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 #C8D0FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8D0FA
}
```

## Border

The CSS property to change the border of an element to Decimal 13160698 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
#C8D0FA }
```

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

```
.border{ border-color:#C8D0FA }
```

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

Here you see how a box with a 4 pixel #C8D0FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8D0FA; -webkit-box-shadow:4px 4px  
4px 4px #C8D0FA; box-shadow:4px 4px 4px  
4px #C8D0FA }
```

# Background

The CSS property to change the background color of an element to Decimal 13160698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8D0FA }
```

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

```
.background{ background-color:#C8D0FA }
```

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