

# Converting Colors

Decimal(12840697)

Have a look what the booklet for  
Decimal(12840697) contains.

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# **Color**

**Decimal(12840697)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3EEF9
RGB	195, 238, 249
RGB Percent	76%, 93%, 98%
CMY	0.2353, 0.0667, 0.0235
CMYK	0.22, 0.04, 0.00, 0.02
HSL	192°, 82%, 87%
HSV	192°, 22%, 98%
XYZ	70.1791, 79.5907, 101.2862
YIQ	226.3970, -29.1590, -5.6950

# Conversions

## Conversions Part 2

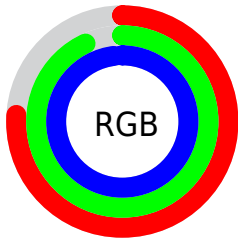
Format	Color
R <sub>Y</sub> B	195, 219, 249
Decimal	12840697
CIE Lab	91.50, -11.45, -9.89
CIE LCh	92, 15.128, 220.823
Yxy	79.5907, 0.2795, 0.3170
Android (android.graphics.Color)	4291030777 (0xFFC3EEF9)
YUV	226.3970, 11.1433, -27.5352
Hunter-Lab	89.2136, -15.7085, -4.8637

# Details

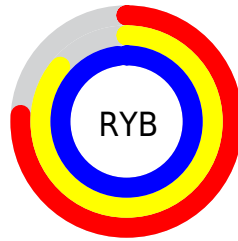
The Decimal color **12840697** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **16371395**, and the grayscale version is **14869218**.

A 20% lighter version of the original color is **16580607**, and **9221825** is the 20% darker color. If you saturate the color by 10%, you get **11201017**, and if you desaturate by 10%, it is **14480377**.

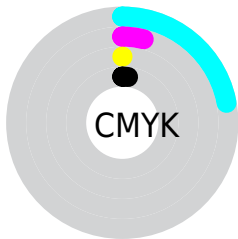
# Distribution



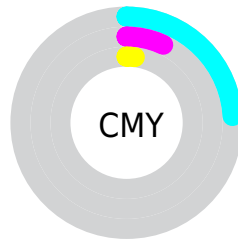
- Red (76%)
- Green (93%)
- Blue (98%)



- Red (76%)
- Yellow (86%)
- Blue (98%)



- Cyan (22%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (24%)
- Magenta (7%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12840697 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 12840697 by changing the saturation by 10% instead.



 12840697	 12840697
16777215	 10998492
 16580607	 9221825
	 7510949
	 5800331
	 4155506
	 2576473
	 735554
	 9004
	 2840

■ 12840697

■ 12840697

■ 11201017

■ 14480377

■ 9561337

■ 16120057

■ 7921657

■ 16776697

■ 6281977

■ 16777209

■ 4642297

■ 3068153

■ 1428217

■ 50937

# Harmonies

## Analogous

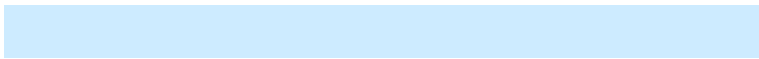
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12840939



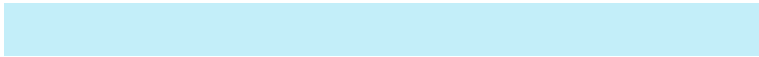
12840697



13495295

# Triad

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



12840697



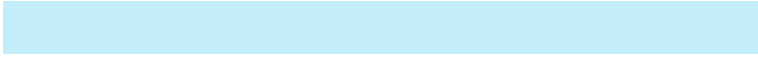
16703216



15591370

# Complementary

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



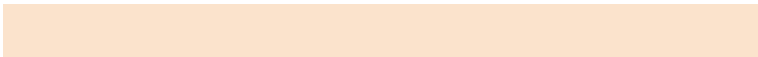
12840697



16371395

# 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.



16507852



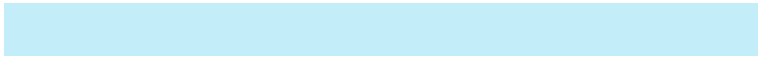
12840697



16768482

# Square

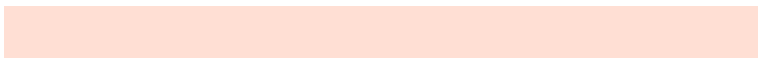
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



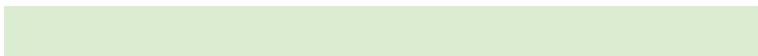
12840697



15786493



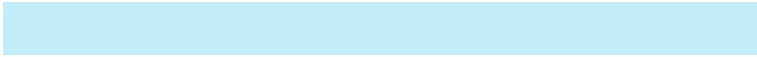
16768980



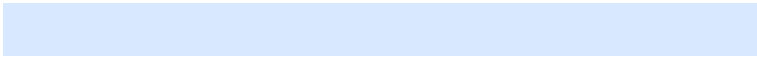
14478544

# Rectangle

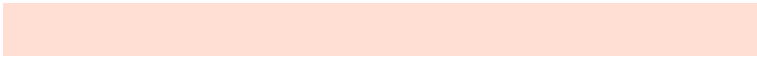
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12840697



14215423



16768980



15918794



# Sweetspot

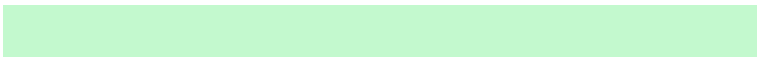
The Sweet Spot groups the original color and five complimentary colors.



12840697



15596543



12843470



7699840



0



8421504

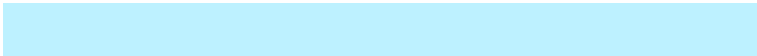


# Same Dimension

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



12840697



12448255



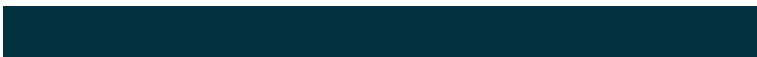
12833785



7371389



38589



12605



# Inverse Universe

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



16368622



16760305



16378307



8220794



12386454

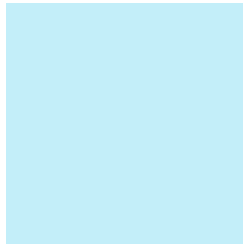


3997745



# Previews

## White Background



This preview shows how the Decimal color 12840697 looks on a white background.

## Color Contrast Check

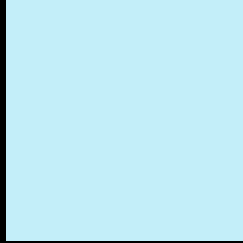
Large Text (above 18pt) WCAG AA × Fail

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 12840697 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

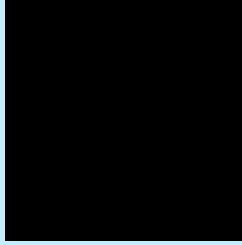
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12840697 Background



This preview shows how black text looks on a background with the Decimal color 12840697.

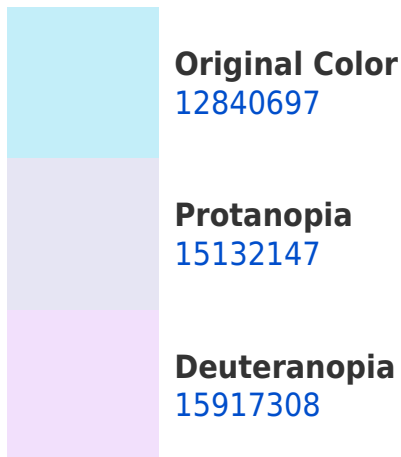


This preview shows how white text looks on a background with the Decimal color 12840697.

# 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**  
13037055

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12840697 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 #C3EEF9 looks like.

```
.text, #text, p{  
    color:#C3EEF9  
}
```

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 #C3EEF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3EEF9
}
```

## Border

The CSS property to change the border of an element to Decimal 12840697 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
#C3EEF9 }
```

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

```
.border{ border-color:#C3EEF9 }
```

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

Here you see how a box with a 4 pixel #C3EEF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3EEF9; -webkit-box-shadow:4px 4px  
4px 4px #C3EEF9; box-shadow:4px 4px 4px  
4px #C3EEF9 }
```

# Background

The CSS property to change the background color of an element to Decimal 12840697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3EEF9 }
```

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

```
.background{ background-color:#C3EEF9 }
```

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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