

# Converting Colors

Decimal(8701414)

Have a look what the booklet for  
Decimal(8701414) contains.

<b>Decimal(8701414)</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(8701414)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	84C5E6
RGB	132, 197, 230
RGB Percent	52%, 77%, 90%
CMY	0.4824, 0.2275, 0.0980
CMYK	0.43, 0.14, 0.00, 0.10
HSL	200°, 66%, 71%
HSV	200°, 43%, 90%
XYZ	43.7649, 50.5512, 82.3136
YIQ	181.3270, -49.3330, -3.5170

# Conversions

## Conversions Part 2

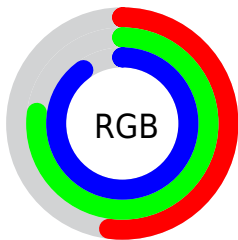
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 171, 230
Decimal	8701414
CIELab	76.41, -12.20, -22.87
CIElCh	76, 25.925, 241.918
Yxy	50.5512, 0.2478, 0.2862
Android (android.graphics.Color)	4286891494 (0xFF84C5E6)
YUV	181.3270, 23.9958, -43.2598
Hunter-Lab	71.0994, -14.5490, -18.8720

# Details

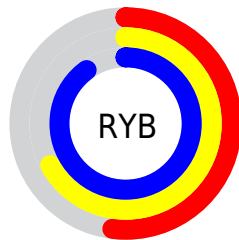
The Decimal color **8701414** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **15115652**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **12451583**, and **5017518** is the 20% darker color. If you saturate the color by 10%, you get **7192038**, and if you desaturate by 10%, it is **10210790**.

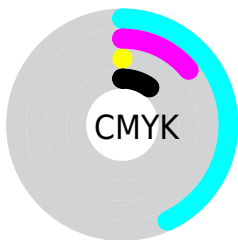
# Distribution



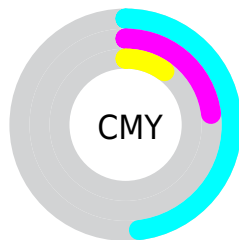
- Red (52%)
- Green (77%)
- Blue (90%)



- Red (52%)
- Yellow (67%)
- Blue (90%)



- Cyan (43%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



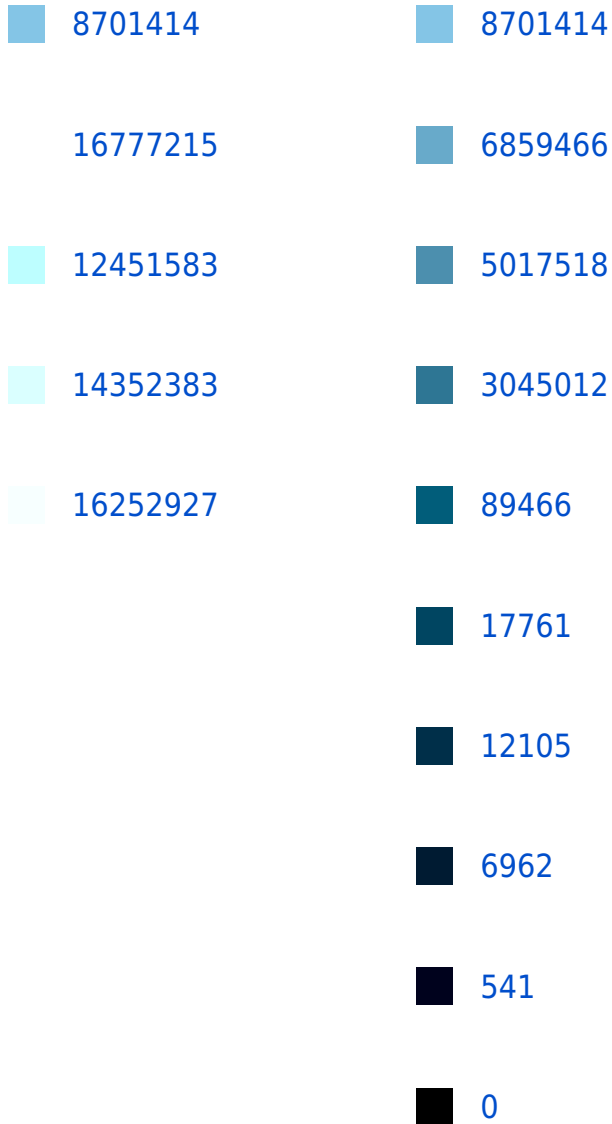
- Cyan (48%)
- Magenta (23%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8701414 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 8701414 by changing the saturation by 10% instead.





8701414

8701414

7192038

10210790

5682918

11719910

4173542

13229286

2664166

14738662

1154790

16248038

39398

16774118

16776166

16777190

# Harmonies

## Analogous

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



7850453



8701414



10665708

# Triad

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



8701414



15444924



11781011

# Complementary

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



8701414



15115652

# 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.



13482893



8701414



15576484

# Square

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



8701414



14528467



14791571



9947301

# Rectangle

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



8701414



12106217



14791571



12370064

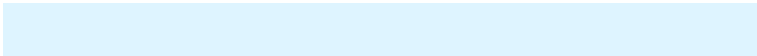


# Sweetspot

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



8701414



14611711



8709797



7043456



0



8421504

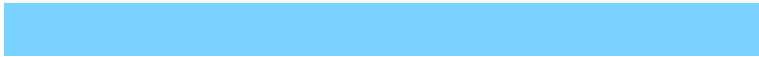


# Same Dimension

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



8701414



8246271



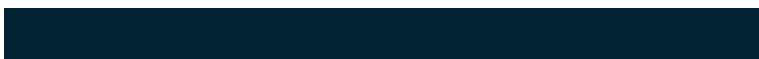
8688870



6778739



30387



8755



# Inverse Universe

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



15107269



16743891



15128196



7563119



11731062

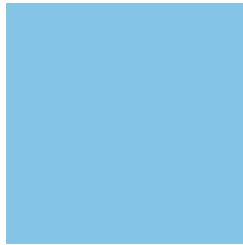


3342370



# Previews

## White Background



This preview shows how the Decimal color 8701414 looks on a white background.

## Color Contrast Check

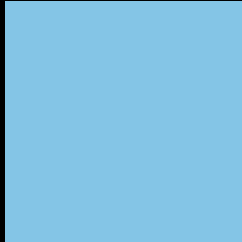
Large Text (above 18pt) WCAG AA × Fail

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 8701414 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 8701414 Background



This preview shows how black text looks on a background with the Decimal color 8701414.



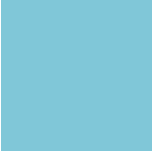
This preview shows how white text looks on a background with the Decimal color 8701414.

# 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](#).

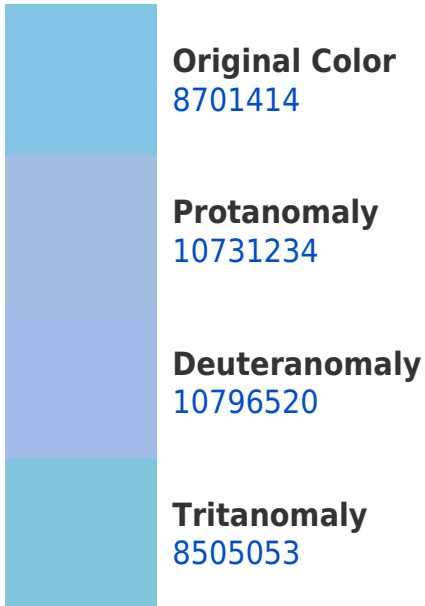
## Dichromacy



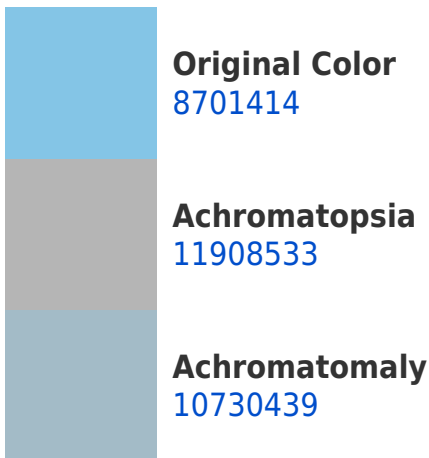


**Tritanopia**  
8439768

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8701414 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 #84C5E6 looks like.

```
.text, #text, p{  
    color:#84C5E6  
}
```

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 #84C5E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84C5E6
}
```

## Border

The CSS property to change the border of an element to Decimal 8701414 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
#84C5E6 }
```

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

```
.border{ border-color:#84C5E6 }
```

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

Here you see how a box with a 4 pixel #84C5E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84C5E6; -webkit-box-shadow:4px 4px  
4px 4px #84C5E6; box-shadow:4px 4px 4px  
4px #84C5E6 }
```

# Background

The CSS property to change the background color of an element to Decimal 8701414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84C5E6 }
```

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

```
.background{ background-color:#84C5E6 }
```

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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