

# Converting Colors

Decimal(8509170)

Have a look what the booklet for  
Decimal(8509170) contains.

|  |    |
|--|----|
| <b>Decimal(8509170)</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(8509170)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 81D6F2                      |
| RGB         | 129, 214, 242               |
| RGB Percent | 51%, 84%, 95%               |
| CMY         | 0.4941, 0.1608, 0.0510      |
| CMYK        | 0.47, 0.12, 0.00, 0.05      |
| HSL         | 195°, 81%, 73%              |
| HSV         | 195°, 47%, 95%              |
| XYZ         | 49.1268, 59.1711, 92.8363   |
| YIQ         | 191.7770, -59.6480, -9.3120 |

# Conversions

## Conversions Part 2

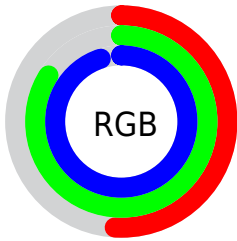
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 129, 178, 242                  |
| Decimal                             | 8509170                        |
| CIE Lab                             | 81.39, -18.50, -21.74          |
| CIE LCh                             | 81, 28.549, 229.604            |
| Yxy                                 | 59.1711, 0.2442,<br>0.2942     |
| Android<br>(android.graphics.Color) | 4286699250<br>(0xFF81D6F2)     |
| YUV                                 | 191.7770, 24.7599,<br>-55.0554 |
| Hunter-Lab                          | 76.9227, -20.6154,<br>-17.7098 |

# Details

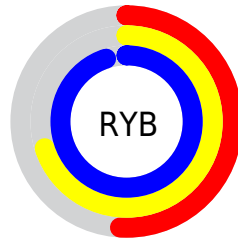
The Decimal color **8509170** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **15900033**, and the grayscale version is **12632256**.

A 20% lighter version of the original color is **12320767**, and **4628410** is the 20% darker color. If you saturate the color by 10%, you get **6934770**, and if you desaturate by 10%, it is **10083570**.

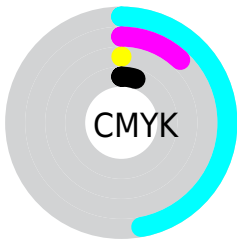
# Distribution



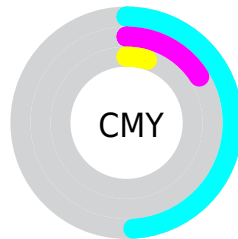
- Red (51%)
- Green (84%)
- Blue (95%)



- Red (51%)
- Yellow (70%)
- Blue (95%)



- Cyan (47%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (49%)
- Magenta (16%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8509170 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 8509170 by changing the saturation by 10% instead.



8509170

8509170

16777215

6601430

12320767

4628410

14286847

2262431

16187391

27781

21355

15443

9788

3110

272

8509170

8509170

6934770

10083570

5360370

11657970

3720434

13297906

2146034

14872306

571634

16446706

46834

16775922

16777202

# Harmonies

## Analogous

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



8247771



8509170



10342654

# Triad

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



8509170



16431317



13422232

# Complementary

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



8509170



1590033

# 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.



15189398



8509170



16758713

# Square

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



8509170



14925549



16432547



11392423

# Rectangle

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



8509170



11913983



16432547



14011285

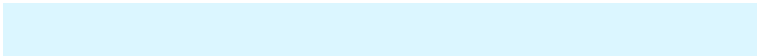


# Sweetspot

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



8509170



14415615



8516251



6978176



0



8421504



# Same Dimension

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



8509170



7396607



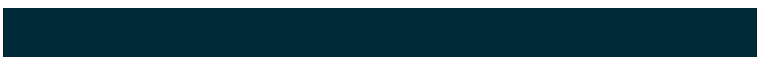
8495090



7107960



35512



10808



# Inverse Universe

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



15892950



16740572



15914113



7892085



12058762

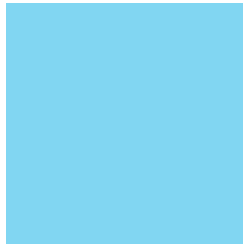


3670058



# Previews

## White Background



This preview shows how the Decimal color 8509170 looks on a white background.

## Color Contrast Check

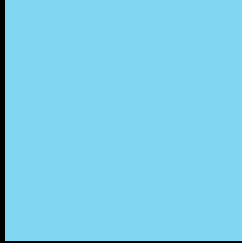
Large Text (above 18pt) WCAG AA × Fail

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 8509170 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 8509170 Background



This preview shows how black text looks on a background with the Decimal color 8509170.



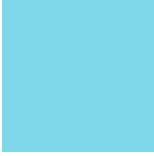
This preview shows how white text looks on a background with the Decimal color 8509170.

# 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](#).

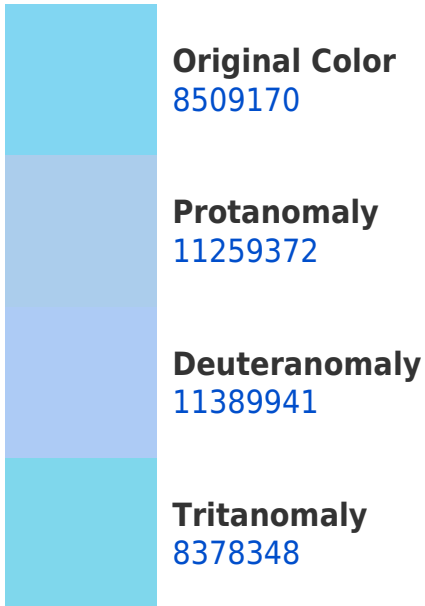
## Dichromacy



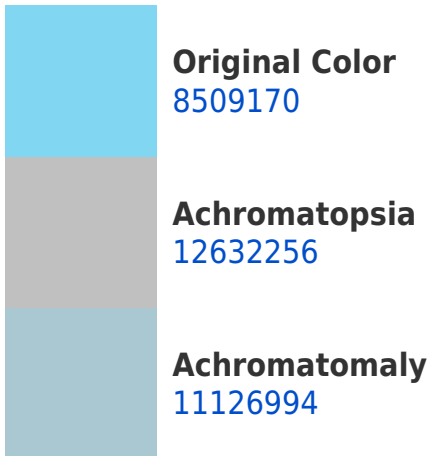


**Tritanopia**  
8313065

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8509170 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 #81D6F2 looks like.

```
.text, #text, p{  
    color:#81D6F2  
}
```

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 #81D6F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81D6F2
}
```

## Border

The CSS property to change the border of an element to Decimal 8509170 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
#81D6F2 }
```

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

```
.border{ border-color:#81D6F2 }
```

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

Here you see how a box with a 4 pixel #81D6F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81D6F2; -webkit-box-shadow:4px 4px  
4px 4px #81D6F2; box-shadow:4px 4px 4px  
4px #81D6F2 }
```

# Background

The CSS property to change the background color of an element to Decimal 8509170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81D6F2 }
```

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

```
.background{ background-color:#81D6F2 }
```

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