

# Converting Colors

Decimal(8506069)

Have a look what the booklet for  
Decimal(8506069) contains.

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# **Color**

**Decimal(8506069)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81CAD5
RGB	129, 202, 213
RGB Percent	51%, 79%, 84%
CMY	0.4941, 0.2078, 0.1647
CMYK	0.39, 0.05, 0.00, 0.16
HSL	188°, 50%, 67%
HSV	188°, 39%, 84%
XYZ	42.1840, 51.7123, 70.7089
YIQ	181.4270, -47.0390, -12.0550

# Conversions

## Conversions Part 2

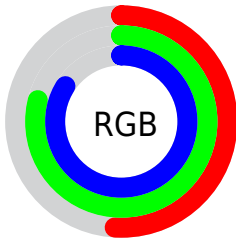
Format	Color
R <sub>YB</sub>	129, 168, 213
Decimal	8506069
CIE <sub>Lab</sub>	77.11, -19.94, -12.66
CIE <sub>LCh</sub>	77, 23.618, 212.423
Yxy	51.7123, 0.2563, 0.3142
Android (android.graphics.Color)	4286696149 (0xFF81CAD5)
YUV	181.4270, 15.5655, -45.9785
Hunter-Lab	71.9113, -21.1344, -7.9608

# Details

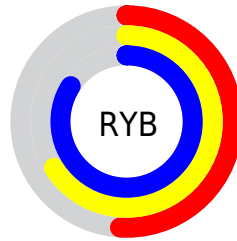
The Decimal color **8506069** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **13995137**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **12189695**, and **4887710** is the 20% darker color. If you saturate the color by 10%, you get **7129045**, and if you desaturate by 10%, it is **9883093**.

# Distribution



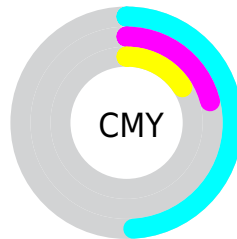
- Red (51%)
- Green (79%)
- Blue (84%)



- Red (51%)
- Yellow (66%)
- Blue (84%)



- Cyan (39%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (49%)
- Magenta (21%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8506069 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 8506069 by changing the saturation by 10% instead.



8506069

8506069

16777215

6664121

12189695

4887710

14090239

2914948

15990783

156011

18771

12860

7718

273

0

8506069

8506069

7129045

9883093

5686485

11325653

4309717

12702421

2932693

14079445

1555669

15456469

113109

16767957

47573

16768725

16769237

16770005

# Harmonies

## Analogous

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



8965055



8506069



9291492

# Triad

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



8506069



14463699



13483411

# Complementary

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



8506069



13995137

# 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.



14726808



8506069



15380413

# Square

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



8506069



12892387



15446440



11912345

# Rectangle

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



8506069



10339049



15446440



13941651

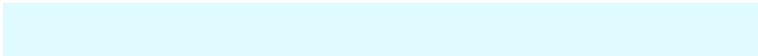


# Sweetspot

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



8506069



14744575



8508811



7241088



0



8421504

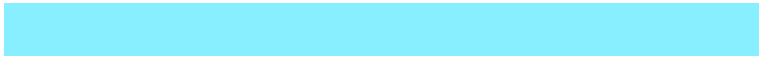


# Same Dimension

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



8506069



8908799



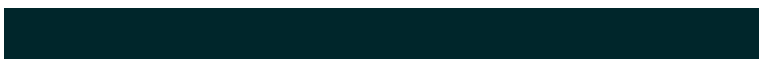
8495573



6318699



38059



9771



# Inverse Universe

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



13992394



16746479



14005633



7037034



11206804

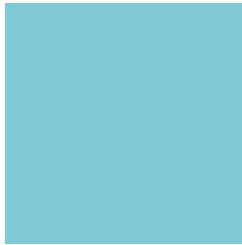


2818086



# Previews

## White Background



This preview shows how the Decimal color 8506069 looks on a white background.

## Color Contrast Check

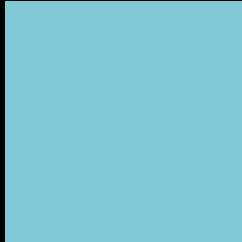
Large Text (above 18pt) WCAG AA × Fail

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 8506069 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

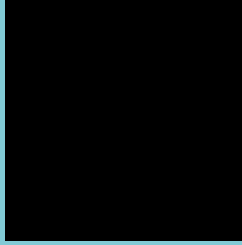
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

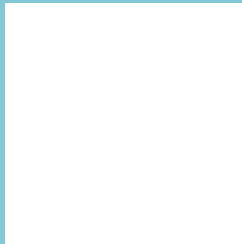
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8506069 Background



This preview shows how black text looks on a background with the Decimal color 8506069.



This preview shows how white text looks on a background with the Decimal color 8506069.

# 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](#).

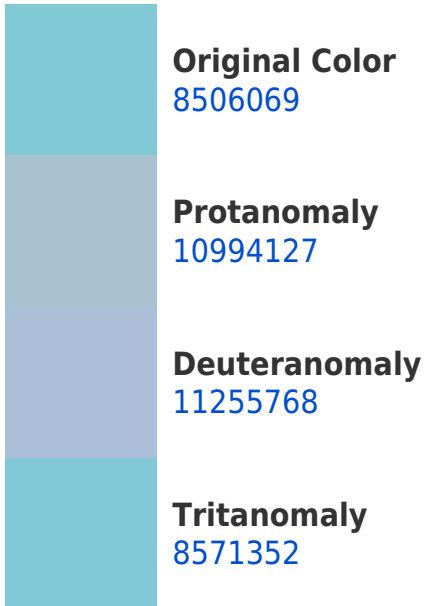
## Dichromacy





**Tritanopia**  
8571353

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8506069 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 #81CAD5 looks like.

```
.text, #text, p{  
    color:#81CAD5  
}
```

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 #81CAD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81CAD5
}
```

## Border

The CSS property to change the border of an element to Decimal 8506069 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
#81CAD5 }
```

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

```
.border{ border-color:#81CAD5 }
```

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

Here you see how a box with a 4 pixel #81CAD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81CAD5; -webkit-box-shadow:4px 4px  
4px 4px #81CAD5; box-shadow:4px 4px 4px  
4px #81CAD5 }
```

# Background

The CSS property to change the background color of an element to Decimal 8506069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81CAD5 }
```

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

```
.background{ background-color:#81CAD5 }
```

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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