

# Converting Colors

Decimal(8511161)

Have a look what the booklet for  
Decimal(8511161) contains.

|  |    |
|--|----|
| <b>Decimal(8511161)</b> .....                  | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Decimal(8511161)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 81DEB9                       |
| RGB         | 129, 222, 185                |
| RGB Percent | 51%, 87%, 73%                |
| CMY         | 0.4941, 0.1294, 0.2745       |
| CMYK        | 0.42, 0.00, 0.17, 0.13       |
| HSL         | 156°, 58%, 69%               |
| HSV         | 156°, 42%, 87%               |
| XYZ         | 43.9315, 60.4125, 55.2443    |
| YIQ         | 189.9750, -43.5510, -31.2230 |

# Conversions

## Conversions Part 2

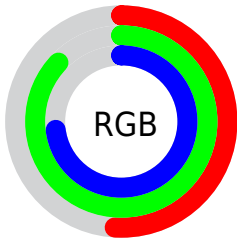
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 129, 187, 222                  |
| Decimal                             | 8511161                        |
| CIELab                              | 82.06, -36.09, 9.56            |
| CIELCh                              | 82, 37.335, 165.171            |
| Yxy                                 | 60.4125, 0.2753,<br>0.3786     |
| Android<br>(android.graphics.Color) | 4286701241<br>(0xFF81DEB9)     |
| YUV                                 | 189.9750, -2.4527,<br>-53.4751 |
| Hunter-Lab                          | 77.7255, -35.1289,<br>12.2668  |

# Details

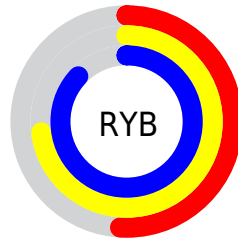
The Decimal color **8511161** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **14582182**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **12255217**, and **4826756** is the 20% darker color. If you saturate the color by 10%, you get **7069360**, and if you desaturate by 10%, it is **9952962**.

# Distribution



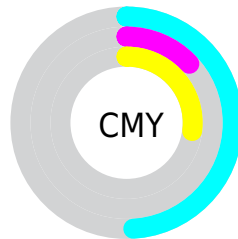
- Red (51%)
- Green (87%)
- Blue (73%)



- Red (51%)
- Yellow (73%)
- Blue (87%)



- Cyan (42%)
- Magenta (0%)
- Yellow (17%)
- Black (13%)



- Cyan (49%)
- Magenta (13%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8511161 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 8511161 by changing the saturation by 10% instead.



8511161

8511161

16777215

6668958

12255217

4826756

14090239

2853995

16056319

29266

22843

16422

10769

3584

0

 8511161

 8511161

 7069360

 9952962

 5627559

 11394763

 4120223

 12902099

 2678422

 14343900

 1236621

 15785701

 56966

 16768750

 16768759

 16768767

# Harmonies

## Analogous

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



11262362



8511161



6086621

# Triad

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



8511161



12110335



16759196

# Complementary

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



8511161



14582182

# 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.



16757435



8511161



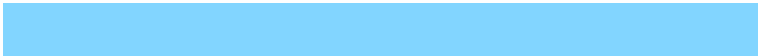
15187454

# Square

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



8511161



8574463



16757983



16041097

# Rectangle

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



8511161



5562099



16757983



16758437

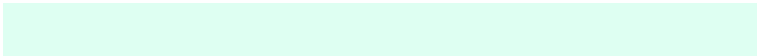


# Sweetspot

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



8511161



14614514



10935937



7045239



0



8421504

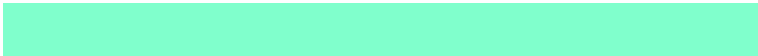


# Same Dimension

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



8511161



8454092



8508894



6647916



45162



12317



# Inverse Universe

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



14582182



16744626



14584449



7365993



11534406



3145747



# Previews

## White Background



This preview shows how the Decimal color 8511161 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 851161 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

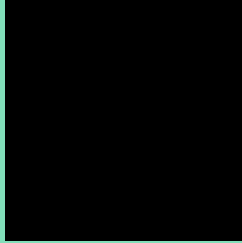
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

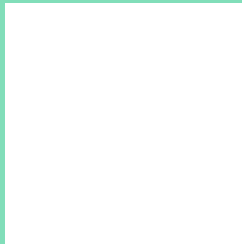
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8511161 Background



This preview shows how black text looks on a background with the Decimal color 8511161.

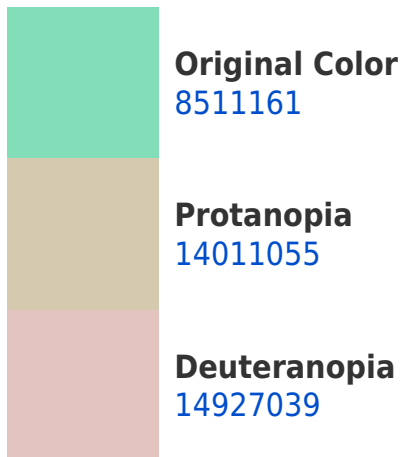


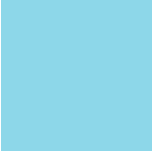
This preview shows how white text looks on a background with the Decimal color 8511161.

# 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**  
9295849

# Trichromacy



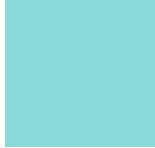
**Original Color**  
8511161



**Protanomaly**  
11981235



**Deuteranomaly**  
12570045

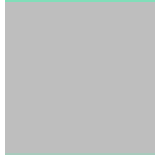


**Tritanomaly**  
9034456

# Monochromacy



**Original Color**  
8511161



**Achromatopsia**  
12500670



**Achromatomaly**  
11061948

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8511161 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 #81DEB9 looks like.

```
.text, #text, p{  
    color:#81DEB9  
}
```

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 #81DEB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81DEB9
}
```

## Border

The CSS property to change the border of an element to Decimal 8511161 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
#81DEB9 }
```

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

```
.border{ border-color:#81DEB9 }
```

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

Here you see how a box with a 4 pixel #81DEB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81DEB9; -webkit-box-shadow:4px 4px  
4px 4px #81DEB9; box-shadow:4px 4px 4px  
4px #81DEB9 }
```

# Background

The CSS property to change the background color of an element to Decimal 8511161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81DEB9 }
```

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

```
.background{ background-color:#81DEB9 }
```

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