

# Converting Colors

Decimal(8440756)

Have a look what the booklet for  
Decimal(8440756) contains.

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# **Color**

**Decimal(8440756)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 80CBB4                       |
| RGB         | 128, 203, 180                |
| RGB Percent | 50%, 80%, 71%                |
| CMY         | 0.4980, 0.2039, 0.2941       |
| CMYK        | 0.37, 0.00, 0.11, 0.20       |
| HSL         | 162°, 42%, 65%               |
| HSV         | 162°, 37%, 80%               |
| XYZ         | 38.4962, 50.5964, 50.9171    |
| YIQ         | 177.9530, -37.3170, -23.0530 |

# Conversions

## Conversions Part 2

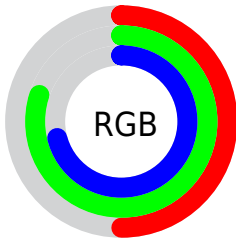
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 128, 172, 203                 |
| Decimal                             | 8440756                       |
| CIELab                              | 76.43, -28.48, 4.13           |
| CIELCh                              | 76, 28.781, 171.748           |
| Yxy                                 | 50.5964, 0.2750,<br>0.3614    |
| Android<br>(android.graphics.Color) | 4286630836<br>(0xFF80CBB4)    |
| YUV                                 | 177.9530, 1.0092,<br>-43.8088 |
| Hunter-Lab                          | 71.1311, -27.8750,<br>7.3508  |

# Details

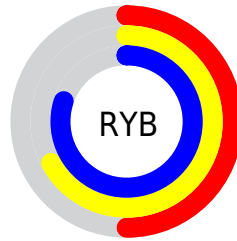
The Decimal color **8440756** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **13336727**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **12058604**, and **4887935** is the 20% darker color. If you saturate the color by 10%, you get **7130030**, and if you desaturate by 10%, it is **9751482**.

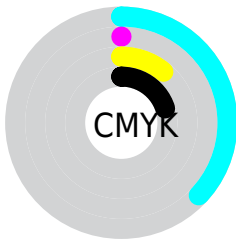
# Distribution



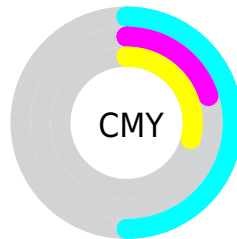
- Red (50%)
- Green (80%)
- Blue (71%)



- Red (50%)
- Yellow (67%)
- Blue (80%)



- Cyan (37%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)



- Cyan (50%)
- Magenta (20%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8440756 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 8440756 by changing the saturation by 10% instead.



8440756

8440756

16777215

6664089

12058604

4887935

13959167

3111526

15859711

942414

18744

12834

7948

0

8440756

8440756

7130030

9751482

5753768

11127744

4443041

12438471

3132315

13749197

1821589

15125459

445327

16436185

52109

16763872

16763878

16763884

# Harmonies

## Analogous

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



10340251



8440756



7195599

# Triad

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



8440756



12040430



15380628

# Complementary

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



8440756



13336727

# 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.



15968938



8440756



14200798

# Square

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



8440756



9552369



15510213



14137480

# Rectangle

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



8440756



7260639



15510213



15707546



# Sweetspot

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



8440756



14942198



10013568



7307386



0



8421504

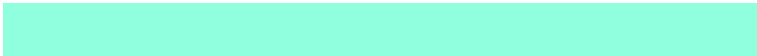


# Same Dimension

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



8440756



9437149



8437195



6055523



42611



9755



# Inverse Universe

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



13336727



16748465



13340288



6708319



10879027



2490380



# Previews

## White Background



This preview shows how the Decimal color 8440756 looks on a white background.

## Color Contrast Check

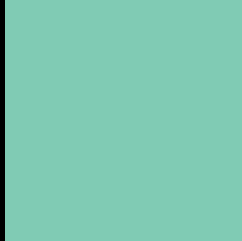
Large Text (above 18pt) WCAG AA × Fail

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 8440756 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

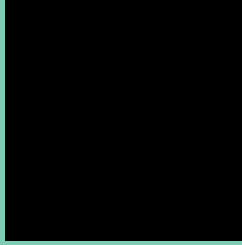
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

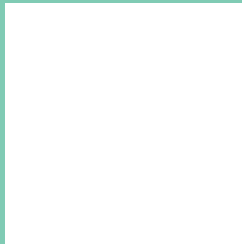
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8440756 Background



This preview shows how black text looks on a background with the Decimal color 8440756.



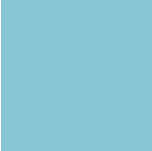
This preview shows how white text looks on a background with the Decimal color 8440756.

# 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**  
8963798

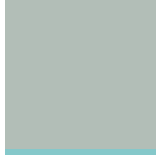
# Trichromacy



**Original Color**  
8440756



**Protanomaly**  
11256238



**Deuteranomaly**  
11714231



**Tritanomaly**  
8767690

# Monochromacy



**Original Color**  
8440756



**Achromatopsia**  
11711154



**Achromatomaly**  
10533811

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8440756 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 #80CBB4 looks like.

```
.text, #text, p{  
    color:#80CBB4  
}
```

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 #80CBB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80CBB4
}
```

## Border

The CSS property to change the border of an element to Decimal 8440756 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
#80CBB4 }
```

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

```
.border{ border-color:#80CBB4 }
```

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

Here you see how a box with a 4 pixel #80CBB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80CBB4; -webkit-box-shadow:4px 4px  
4px 4px #80CBB4; box-shadow:4px 4px 4px  
4px #80CBB4 }
```

# Background

The CSS property to change the background color of an element to Decimal 8440756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80CBB4 }
```

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

```
.background{ background-color:#80CBB4 }
```

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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