

# Converting Colors

Decimal(8832723)

Have a look what the booklet for  
Decimal(8832723) contains.

<b>Decimal(8832723)</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(8832723)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86C6D3
RGB	134, 198, 211
RGB Percent	53%, 78%, 83%
CMY	0.4745, 0.2235, 0.1725
CMYK	0.36, 0.06, 0.00, 0.17
HSL	190°, 47%, 68%
HSV	190°, 36%, 83%
XYZ	41.7835, 50.1596, 69.1076
YIQ	180.3460, -42.3170, -9.5250

# Conversions

## Conversions Part 2

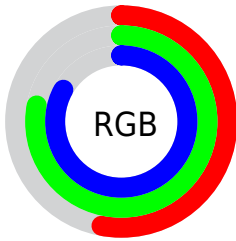
Format	Color
<a href="#">RYB</a>	134, 169, 211
Decimal	8832723
CIELab	76.17, -17.09, -12.97
CIElCh	76, 21.453, 217.193
Yxy	50.1596, 0.2594, 0.3115
Android (android.graphics.Color)	4287022803 (0xFF86C6D3)
YUV	180.3460, 15.1124, -40.6454
Hunter-Lab	70.8235, -18.6321, -8.2771

# Details

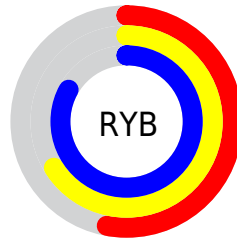
The Decimal color **8832723** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **13865862**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **12517375**, and **5279900** is the 20% darker color. If you saturate the color by 10%, you get **7455443**, and if you desaturate by 10%, it is **10210003**.

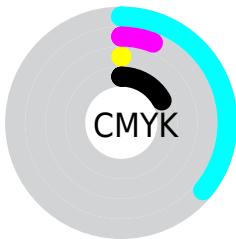
# Distribution



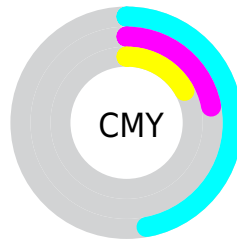
- Red (53%)
- Green (78%)
- Blue (83%)



- Red (53%)
- Yellow (66%)
- Blue (83%)



- Cyan (36%)
- Magenta (6%)
- Yellow (0%)
- Black (17%)



- Cyan (47%)
- Magenta (22%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8832723 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 8832723 by changing the saturation by 10% instead.



8832723

8832723

16777215

7056311

12517375

5279900

14352383

3438210

16318463

1334633

18001

12090

7204

271

0

8832723

8832723

7455443

10210003

6078419

11587027

4701139

12964307

3324115

14341331

1946835

15784147

504275

16767955

45011

16768979

16769747

16770771

# Harmonies

## Analogous

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



9095104



8832723



9683680

# Triad

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



8832723



14332108



13024405

# Complementary

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



8832723



13865862

# 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.



14202264



8832723



14986936

# Square

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



8832723



12957147



14921893



11584156

# Rectangle

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



8832723



10665699



14921893



13482644

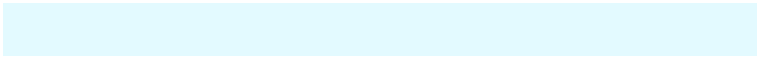


# Sweetspot

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



8832723



14940927



8835987



7306624



0



8421504

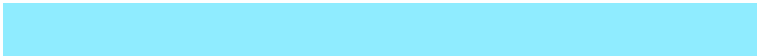


# Same Dimension

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



8832723



9432319



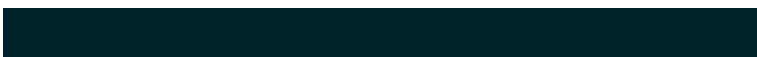
8822995



6186857



36008



8745



# Inverse Universe

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



13862598



16748524



13875590



6905447



11010188

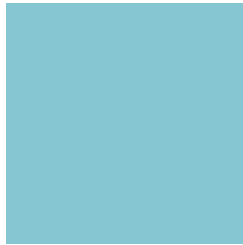


2687010



# Previews

## White Background



This preview shows how the Decimal color 8832723 looks on a white background.

## Color Contrast Check

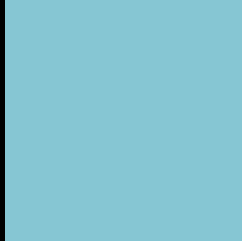
Large Text (above 18pt) WCAG AA × Fail

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 8832723 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

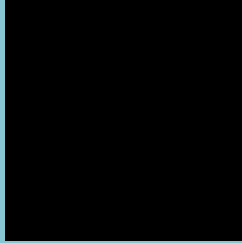
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

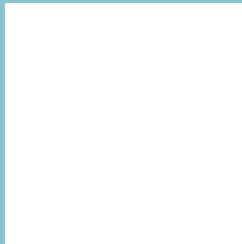
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8832723 Background



This preview shows how black text looks on a background with the Decimal color 8832723.



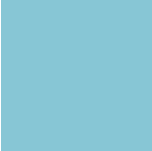
This preview shows how white text looks on a background with the Decimal color 8832723.

# 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**  
8898261

# Trichromacy



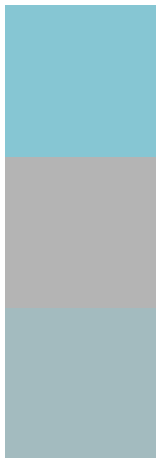
**Original Color**  
8832723

**Protanomaly**  
10993358

**Deuteranomaly**  
11254997

**Tritanomaly**  
8898260

# Monochromacy



**Original Color**  
8832723

**Achromatopsia**  
11842740

**Achromatomaly**  
10730431

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8832723 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 #86C6D3 looks like.

```
.text, #text, p{  
    color:#86C6D3  
}
```

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 #86C6D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86C6D3
}
```

## Border

The CSS property to change the border of an element to Decimal 8832723 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
#86C6D3 }
```

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

```
.border{ border-color:#86C6D3 }
```

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

Here you see how a box with a 4 pixel #86C6D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86C6D3; -webkit-box-shadow:4px 4px  
4px 4px #86C6D3; box-shadow:4px 4px 4px  
4px #86C6D3 }
```

# Background

The CSS property to change the background color of an element to Decimal 8832723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86C6D3 }
```

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

```
.background{ background-color:#86C6D3 }
```

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