

# Converting Colors

Decimal(8897709)

Have a look what the booklet for  
Decimal(8897709) contains.

<b>Decimal(8897709)</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(8897709)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87C4AD
RGB	135, 196, 173
RGB Percent	53%, 77%, 68%
CMY	0.4706, 0.2314, 0.3216
CMYK	0.31, 0.00, 0.12, 0.23
HSL	157°, 34%, 65%
HSV	157°, 31%, 77%
XYZ	37.2744, 47.6479, 46.7676
YIQ	175.1390, -28.9730, -20.0850

# Conversions

## Conversions Part 2

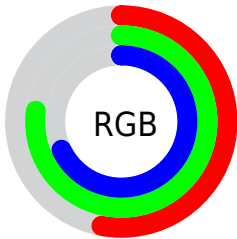
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">135, 173, 196</a>
Decimal	<a href="#">8897709</a>
CIELab	<a href="#">74.60, -24.54, 5.31</a>
CIELCh	<a href="#">75, 25.112, 167.792</a>
Yxy	<a href="#">47.6479, 0.2830, 0.3618</a>
Android (android.graphics.Color)	<a href="#">4287087789 (0xFF87C4AD)</a>
YUV	<a href="#">175.1390, -1.0545, -35.2019</a>
Hunter-Lab	<a href="#">69.0274, -24.4090, 8.1490</a>

# Details

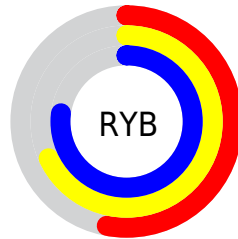
The Decimal color **8897709** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **12879774**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **12516836**, and **5475961** is the 20% darker color. If you saturate the color by 10%, you get **7586982**, and if you desaturate by 10%, it is **10208436**.

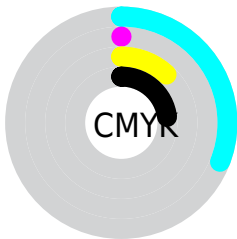
# Distribution



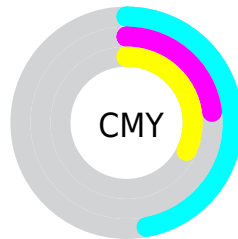
- Red (53%)
- Green (77%)
- Blue (68%)



- Red (53%)
- Yellow (68%)
- Blue (77%)



- Cyan (31%)
- Magenta (0%)
- Yellow (12%)
- Black (23%)



- Cyan (47%)
- Magenta (23%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8897709 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 8897709 by changing the saturation by 10% instead.





8897709



8897709

16777215



7186834



12516836



5475961



14352383



3765344



16252927



2054984



17202



11549



6403



0



8897709



8897709

 7586982

 10208436

 6341790

 11453628

 5031063

 12764355

 3785871

 14009547

 2475144

 15320274

 1164417

 16631001

 50298

 16762081

 16762088

 16762096

# Harmonies

## Analogous

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



10535064



8897709



7849413

# Triad

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



8897709



11515363



14855318

# Complementary

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



8897709



12879774

# 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.



15181738



8897709



13413847

# Square

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



8897709



9420260



14723266



13742987

# Rectangle

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



8897709



7783379



14723266



15051420



# Sweetspot

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



8897709



15269878



10404999



7438458



0



8421504

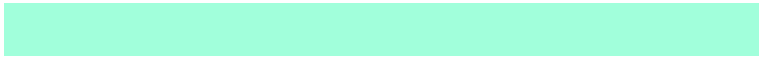


# Same Dimension

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



8897709



10616795



8895940



5726557



41316



8469



# Inverse Universe

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



12879774



16753092



12881543



6379355



10551357

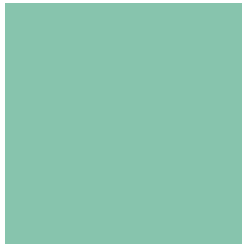


2162700



# Previews

## White Background



This preview shows how the Decimal color 8897709 looks on a white background.

## Color Contrast Check

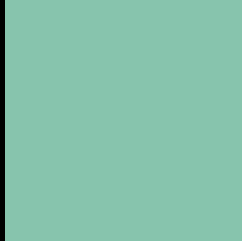
Large Text (above 18pt) WCAG AA × Fail

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 8897709 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

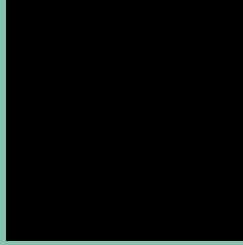
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8897709 Background



This preview shows how black text looks on a background with the Decimal color 8897709.



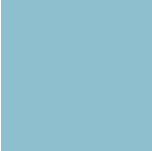
This preview shows how white text looks on a background with the Decimal color 8897709.

# 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**  
9355215

# Trichromacy



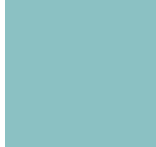
**Original Color**  
8897709



**Protanomaly**  
11189161



**Deuteranomaly**  
11712688

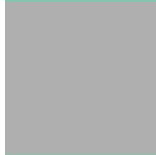


**Tritanomaly**  
9159107

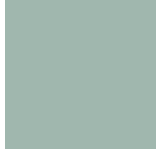
# Monochromacy



**Original Color**  
8897709



**Achromatopsia**  
11513775



**Achromatomaly**  
10532782

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8897709 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 #87C4AD looks like.

```
.text, #text, p{  
    color:#87C4AD  
}
```

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 #87C4AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87C4AD } }
```

## Border

The CSS property to change the border of an element to Decimal 8897709 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 #87C4AD } }
```

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

```
.border{ border-color:#87C4AD }
```

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

Here you see how a box with a 4 pixel #87C4AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87C4AD; -webkit-box-shadow:4px 4px  
4px 4px #87C4AD; box-shadow:4px 4px 4px  
4px #87C4AD }
```

# Background

The CSS property to change the background color of an element to Decimal 8897709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87C4AD }
```

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

```
.background{ background-color:#87C4AD }
```

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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