

Converting Colors

Decimal(8774347)

Have a look what the booklet for
Decimal(8774347) contains.

Decimal(8774347)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(8774347)

Conversions

Conversions Part 1

Format	Color
Hex	85E2CB
RGB	133, 226, 203
RGB Percent	52%, 89%, 80%
CMY	0.4784, 0.1137, 0.2039
CMYK	0.41, 0.00, 0.10, 0.11
HSL	165°, 62%, 70%
HSV	165°, 41%, 89%
XYZ	47.6487, 63.6911, 66.2822
YIQ	195.5710, -48.0450, -26.8690

Conversions

Conversions Part 2

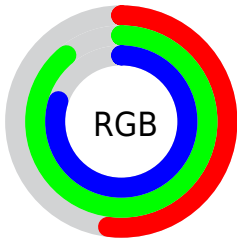
Format	Color
RYB	133, 186, 226
Decimal	8774347
CIELab	83.80, -32.99, 2.57
CIELCh	84, 33.094, 175.538
Yxy	63.6911, 0.2683, 0.3586
Android (android.graphics.Color)	4286964427 (0xFF85E2CB)
YUV	195.5710, 3.6625, -54.8748
Hunter-Lab	79.8067, -33.0879, 6.6223

Details

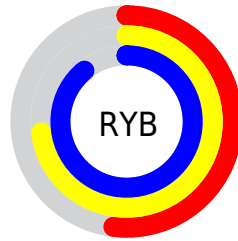
The Decimal color **8774347** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **14845340**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **12517375**, and **5089941** is the 20% darker color. If you saturate the color by 10%, you get **7267013**, and if you desaturate by 10%, it is **10281681**.

Distribution



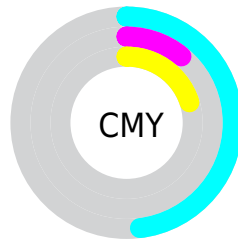
- Red (52%)
- Green (89%)
- Blue (80%)



- Red (52%)
- Yellow (73%)
- Blue (89%)



- Cyan (41%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)



- Cyan (48%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8774347 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 8774347 by changing the saturation by 10% instead.

8774347

8774347

16777215

6932144

12517375

5089941

14417919

3051387

16318463

95586

23627

17460

11551

5639

0

 8774347

 8774347

 7267013

 10281681

 5825216

 11723478

 4317882

 13230812

 2876085

 14672609

 1368751

 16179943

 58026

 16769773

 16769778

 16769784

 16769789

Harmonies

Analogous

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



11001517



8774347



7398123

Triad

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



8774347



13618175



16761759

Complementary

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



8774347



14845340

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.



16759736



8774347



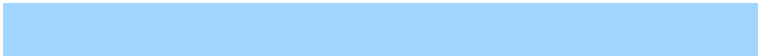
16040181

Square

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



8774347



10671615



16759511



15519123

Rectangle

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



8774347



7659516



16759511



16760998

Sweetspot

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



8774347



14745591



10281605



7241851



0



8421504

Same Dimension

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



8774347



8585184



8768482



6647917



45188



12324

Inverse Universe

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



14845340



16745121



14851205



7365992



11534380



3145740

Previews

White Background



This preview shows how the Decimal color 8774347 looks on a white background.

Color Contrast Check

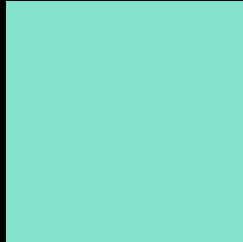
Large Text (above 18pt) WCAG AA × Fail

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 8774347 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

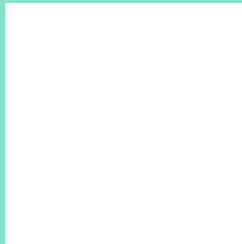
Any Text WCAG AAA ✓ Pass

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

Decimal 8774347 Background



This preview shows how black text looks on a background with the Decimal color 8774347.



This preview shows how white text looks on a background with the Decimal color 8774347.

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
9362927

Trichromacy



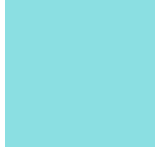
Original Color
8774347



Protanomaly
12179141



Deuteranomaly
12702414

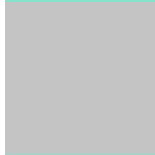


Tritanomaly
9166818

Monochromacy



Original Color
8774347



Achromatopsia
12895428



Achromatomaly
11390919

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8774347 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 #85E2CB looks like.

```
.text, #text, p{  
    color:#85E2CB  
}
```

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 #85E2CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85E2CB  
}
```

Border

The CSS property to change the border of an element to Decimal 8774347 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  
#85E2CB }
```

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

```
.border{ border-color:#85E2CB }
```

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

Here you see how a box with a 4 pixel #85E2CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85E2CB; -webkit-box-shadow:4px 4px  
4px 4px #85E2CB; box-shadow:4px 4px 4px  
4px #85E2CB }
```

Background

The CSS property to change the background color of an element to Decimal 8774347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85E2CB }
```

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

```
.background{ background-color:#85E2CB }
```

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