

Converting Colors

Decimal(8902053)

Have a look what the booklet for
Decimal(8902053) contains.

Decimal(8902053)	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(8902053)

Conversions

Conversions Part 1

Format	Color
Hex	87D5A5
RGB	135, 213, 165
RGB Percent	53%, 84%, 65%
CMY	0.4706, 0.1647, 0.3529
CMYK	0.37, 0.00, 0.23, 0.16
HSL	143°, 48%, 68%
HSV	143°, 37%, 84%
XYZ	40.5775, 55.4560, 44.1627
YIQ	184.2060, -31.0800, -31.4640

Conversions

Conversions Part 2

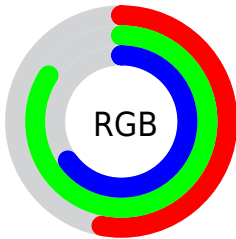
Format	Color
RYB	135, 191, 213
Decimal	8902053
CIELab	79.30, -34.30, 16.27
CIELCh	79, 37.964, 154.623
Yxy	55.4560, 0.2894, 0.3956
Android (android.graphics.Color)	4287092133 (0xFF87D5A5)
YUV	184.2060, -9.4686, -43.1537
Hunter-Lab	74.4688, -33.0571, 16.9670

Details

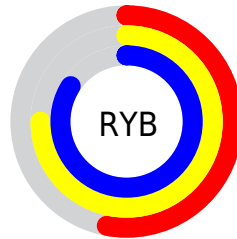
The Decimal color **8902053** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **13993911**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **12582876**, and **5348977** is the 20% darker color. If you saturate the color by 10%, you get **7525784**, and if you desaturate by 10%, it is **10278322**.

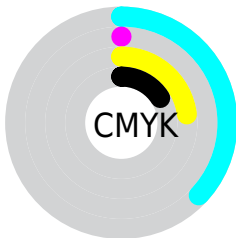
Distribution



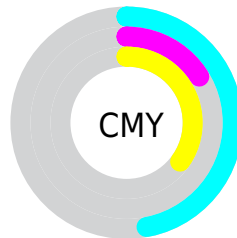
- Red (53%)
- Green (84%)
- Blue (65%)



- Red (53%)
- Yellow (75%)
- Blue (84%)



- Cyan (37%)
- Magenta (0%)
- Yellow (23%)
- Black (16%)



- Cyan (47%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8902053 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 8902053 by changing the saturation by 10% instead.



8902053



8902053

16777215



7125387



12582876



5348977



14417913



3572568



16318463



1600065



20778



14613



9472



0



8902053



8902053

 7525784

 10278322

 6083979

 11720127

 4707710


 13096396

 3331441

 14472665

 1889635

 15914471

 513366

 16766452

 54610

 16766463

Harmonies

Analogous

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



11652745



8902053



6084809

Triad

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



8902053



10274559



16756126

Complementary

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



8902053



13993911

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.



16755136



8902053



13679103

Square

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



8902053



6672639



16166627



16169093

Rectangle

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



8902053



4708321



16166627



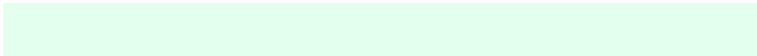
16755625

Sweetspot

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



8902053



14942190



12047751



7307381



0



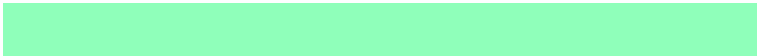
8421504

Same Dimension

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



8902053



9437114



8902092



6318949



43842



11025

Inverse Universe

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



13993911



16748500



13993872



7037031



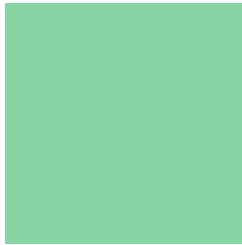
11206761



2818075

Previews

White Background



This preview shows how the Decimal color 8902053 looks on a white background.

Color Contrast Check

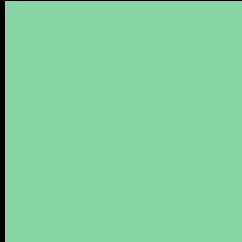
Large Text (above 18pt) WCAG AA × Fail

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 8902053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

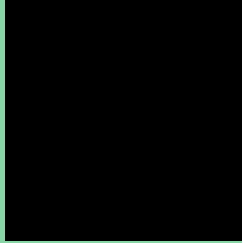
Any Text WCAG AA ✓ Pass

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 8902053 Background



This preview shows how black text looks on a background with the Decimal color 8902053.



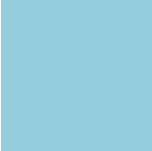
This preview shows how white text looks on a background with the Decimal color 8902053.

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



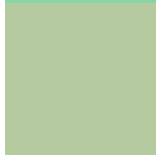


Tritanopia
9686494

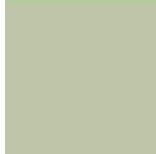
Trichromacy



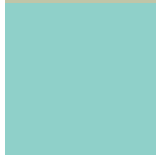
Original Color
8902053



Protanomaly
11913887



Deuteranomaly
12567976



Tritanomaly
9425097

Monochromacy



Original Color
8902053



Achromatopsia
12105912



Achromatomaly
10929073

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8902053 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 #87D5A5 looks like.

```
.text, #text, p{  
    color:#87D5A5  
}
```

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 #87D5A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87D5A5  
}
```

Border

The CSS property to change the border of an element to Decimal 8902053 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  
#87D5A5 }
```

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

```
.border{ border-color:#87D5A5 }
```

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

Here you see how a box with a 4 pixel #87D5A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87D5A5; -webkit-box-shadow:4px 4px  
4px 4px #87D5A5; box-shadow:4px 4px 4px  
4px #87D5A5 }
```

Background

The CSS property to change the background color of an element to Decimal 8902053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87D5A5 }
```

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

```
.background{ background-color:#87D5A5 }
```

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