

Converting Colors

Decimal(8893633)

Have a look what the booklet for
Decimal(8893633) contains.

Decimal(8893633)	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(8893633)

Conversions

Conversions Part 1

Format	Color
Hex	87B4C1
RGB	135, 180, 193
RGB Percent	53%, 71%, 76%
CMY	0.4706, 0.2941, 0.2431
CMYK	0.30, 0.07, 0.00, 0.24
HSL	193°, 32%, 64%
HSV	193°, 30%, 76%
XYZ	35.9386, 41.6437, 56.5959
YIQ	168.0270, -30.9930, -5.4970

Conversions

Conversions Part 2

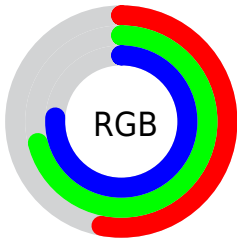
Format	Color
RYB	135, 160, 193
Decimal	8893633
CIELab	70.62, -11.82, -11.45
CIElCh	71, 16.462, 224.090
Yxy	41.6437, 0.2678, 0.3104
Android (android.graphics.Color)	4287083713 (0xFF87B4C1)
YUV	168.0270, 12.3117, -28.9647
Hunter-Lab	64.5319, -13.5221, -6.8263

Details

The Decimal color **8893633** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **12686471**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **12512505**, and **5472139** is the 20% darker color. If you saturate the color by 10%, you get **7647425**, and if you desaturate by 10%, it is **10139841**.

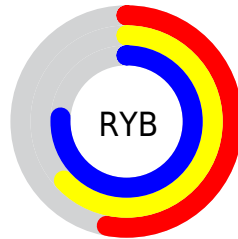
Distribution



Red (53%)

Green (71%)

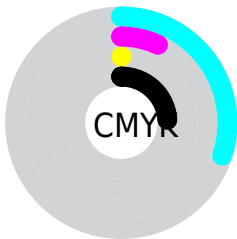
Blue (76%)



Red (53%)

Yellow (63%)

Blue (76%)

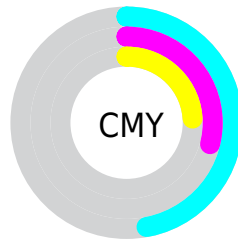


Cyan (30%)

Magenta (7%)

Yellow (0%)

Black (24%)



Cyan (47%)

Magenta (29%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8893633 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 8893633 by changing the saturation by 10% instead.



8893633



8893633

16777215



7182758



12512505



5472139



14352383



3827314



16252927



2117209



79682



8748



1304



0



8893633



8893633

7647425

10139841

6335425

11451841

5089217

12698049

3843009

13944257

2596545

15256257

1284801

16502465

38593

16765633

16766913

16767937

Harmonies

Analogous

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



8828595



8893633



9679049

Triad

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



8893633



13018037



11644560

Complementary

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



8893633



12686471

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.



12626320



8893633



13410982

Square

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



8893633



12101570



13280665



10531479

Rectangle

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



8893633



10464714



13280665



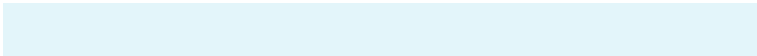
12037263

Sweetspot

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



8893633



14939642



8896916



7305853



16579836



8224125

Same Dimension

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



8893633



10544890



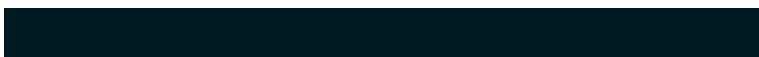
8886209



5726049



32161



6689

Inverse Universe

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



12683188



16425190



12693895



6379359



10551421



2162714

Previews

White Background



This preview shows how the Decimal color 8893633 looks on a white background.

Color Contrast Check

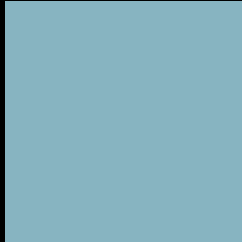
Large Text (above 18pt) WCAG AA × Fail

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 8893633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

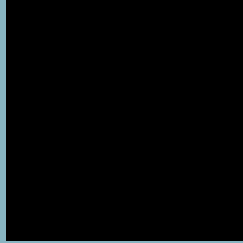
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

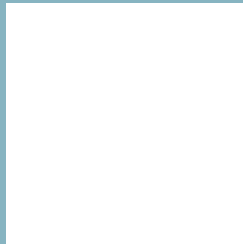
Any Text WCAG AAA ✓ Pass

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

Decimal 8893633 Background



This preview shows how black text looks on a background with the Decimal color 8893633.



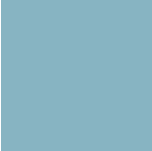
This preview shows how white text looks on a background with the Decimal color 8893633.

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



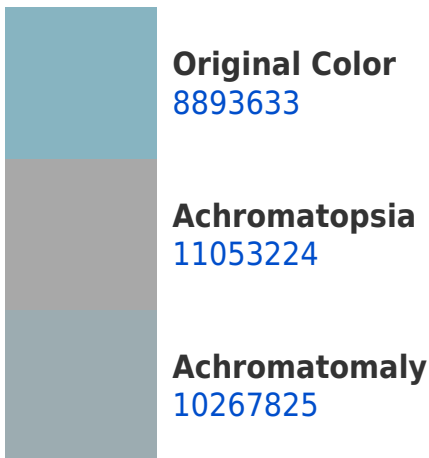


Tritanopia
8893634

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 8893633 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 #87B4C1 looks like.

```
.text, #text, p{  
    color:#87B4C1  
}
```

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 #87B4C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B4C1
}
```

Border

The CSS property to change the border of an element to Decimal 8893633 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
#87B4C1 }
```

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

```
.border{ border-color:#87B4C1 }
```

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

Here you see how a box with a 4 pixel #87B4C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B4C1; -webkit-box-shadow:4px 4px  
4px 4px #87B4C1; box-shadow:4px 4px 4px  
4px #87B4C1 }
```

Background

The CSS property to change the background color of an element to Decimal 8893633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B4C1 }
```

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

```
.background{ background-color:#87B4C1 }
```

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