

Converting Colors

Decimal(8893109)

Have a look what the booklet for
Decimal(8893109) contains.

Decimal(8893109)	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(8893109)

Conversions

Conversions Part 1

Format	Color
Hex	87B2B5
RGB	135, 178, 181
RGB Percent	53%, 70%, 71%
CMY	0.4706, 0.3020, 0.2902
CMYK	0.25, 0.02, 0.00, 0.29
HSL	184°, 24%, 62%
HSV	184°, 25%, 71%
XYZ	34.2526, 40.3279, 49.6948
YIQ	165.4850, -26.5910, -8.1830

Conversions

Conversions Part 2

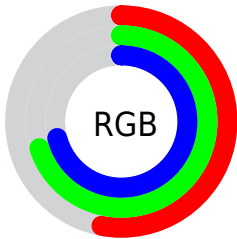
Format	Color
RYB	135, 157, 181
Decimal	8893109
CIELab	69.70, -13.59, -6.22
CIElCh	70, 14.951, 204.596
Yxy	40.3279, 0.2756, 0.3245
Android (android.graphics.Color)	4287083189 (0xFF87B2B5)
YUV	165.4850, 7.6489, -26.7353
Hunter-Lab	63.5042, -14.8541, -1.9440

Details

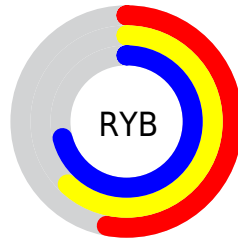
The Decimal color **8893109** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **11897479**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **12446445**, and **5537152** is the 20% darker color. If you saturate the color by 10%, you get **7713205**, and if you desaturate by 10%, it is **10073013**.

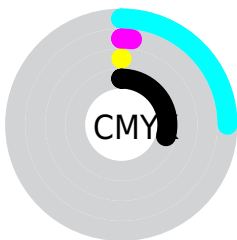
Distribution



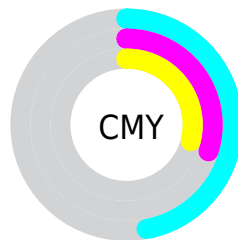
- Red (53%)
- Green (70%)
- Blue (71%)



- Red (53%)
- Yellow (62%)
- Blue (71%)



- Cyan (25%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)



- Cyan (47%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8893109 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 8893109 by changing the saturation by 10% instead.



8893109



8893109

16777215



7182234



12446445



5537152



14286847



3892327



16187391



2247759



472376



8227



270



0



8893109



8893109

7713205

10073013

6533301

11252917

5353141

12433077

4173237

13612981

2993333

14858421

1747893

16038325

567989

16759477

43445

16759733

16760245

Harmonies

Analogous

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



9286311



8893109



9154752

Triad

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



8893109



12231610



12101776

Complementary

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



8893109



11897479

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.



12756117



8893109



12886445

Square

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



8893109



11184323



13083040



11120018

Rectangle

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



8893109



9678532



13083040



12363664

Sweetspot

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



8893109



14215659



8893833



6976885



16119285



7697781

Same Dimension

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



8893109



10807019



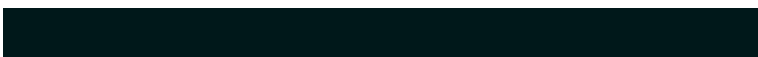
8887477



5265753



36761



6170

Inverse Universe

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



11896754



15443174



11903111



5853273



10027151



1703960

Previews

White Background



This preview shows how the Decimal color 8893109 looks on a white background.

Color Contrast Check

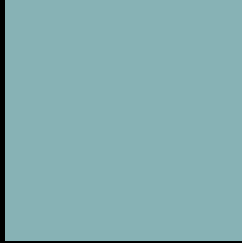
Large Text (above 18pt) WCAG AA × Fail

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 8893109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

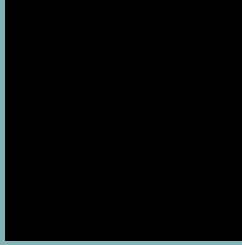
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

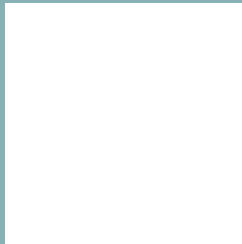
Any Text WCAG AAA ✓ Pass

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

Decimal 8893109 Background



This preview shows how black text looks on a background with the Decimal color 8893109.

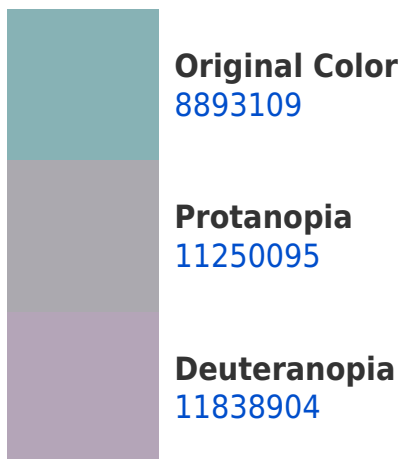


This preview shows how white text looks on a background with the Decimal color 8893109.

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 8893109 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 #87B2B5 looks like.

```
.text, #text, p{  
    color:#87B2B5  
}
```

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 #87B2B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B2B5
}
```

Border

The CSS property to change the border of an element to Decimal 8893109 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
#87B2B5 }
```

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

```
.border{ border-color:#87B2B5 }
```

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

Here you see how a box with a 4 pixel #87B2B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B2B5; -webkit-box-shadow:4px 4px  
4px 4px #87B2B5; box-shadow:4px 4px 4px  
4px #87B2B5 }
```

Background

The CSS property to change the background color of an element to Decimal 8893109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B2B5 }
```

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

```
.background{ background-color:#87B2B5 }
```

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