

# Converting Colors

Decimal(8303535)

Have a look what the booklet for  
Decimal(8303535) contains.

<b>Decimal(8303535)</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(8303535)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EB3AF
RGB	126, 179, 175
RGB Percent	49%, 70%, 69%
CMY	0.5059, 0.2980, 0.3137
CMYK	0.30, 0.00, 0.02, 0.30
HSL	175°, 26%, 60%
HSV	175°, 30%, 70%
XYZ	32.4621, 39.7710, 46.5231
YIQ	162.6970, -30.3040, -12.4800

# Conversions

## Conversions Part 2

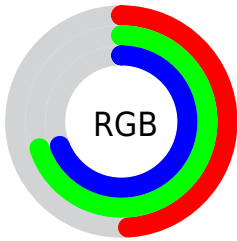
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 154, 179
Decimal	8303535
CIELab	69.31, -18.20, -3.56
CIElCh	69, 18.541, 191.063
Yxy	39.7710, 0.2734, 0.3349
Android (android.graphics.Color)	4286493615 (0xFF7EB3AF)
YUV	162.6970, 6.0654, -32.1833
Hunter-Lab	63.0642, -18.4800, 0.4062

# Details

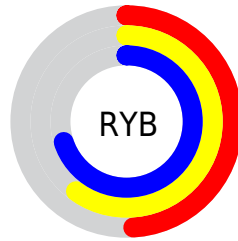
The Decimal color **8303535** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **11763330**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **11856870**, and **4882043** is the 20% darker color. If you saturate the color by 10%, you get **7123886**, and if you desaturate by 10%, it is **9483184**.

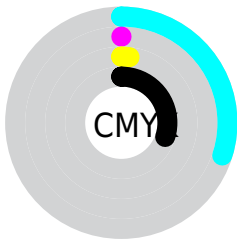
# Distribution



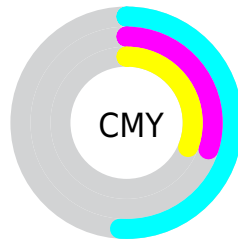
- Red (49%)
- Green (70%)
- Blue (69%)



- Red (49%)
- Yellow (60%)
- Blue (70%)



- Cyan (30%)
- Magenta (0%)
- Yellow (2%)
- Black (30%)



- Cyan (51%)
- Magenta (30%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8303535 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 8303535 by changing the saturation by 10% instead.





8303535



8303535

16777215



6592660



11856870



4882043



13697023



3237218



15597567



1461578



13876



8478



6



0



8303535



8303535

7123886

9483184

5944236

10662834

4764587

11842483

3584938

13022132

2470824

14201782

1291175

15315895

111526

16495544

45989

16757690

16757691

# Harmonies

## Analogous

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



9089694



8303535



8237759

# Triad

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



8303535



11838403



12625290

# Complementary

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



8303535



11763330

# 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.



13279380



8303535



12885941

# Square

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



8303535



10398154



13409699



11577992

# Rectangle

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



8303535



8695750



13409699



12886924



# Sweetspot

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



8303535



13887718



8565630



6845812



16119285



7697781



# Same Dimension

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



8303535



9824482



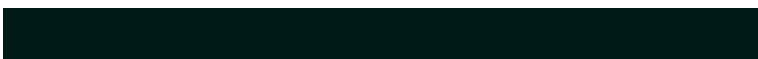
8297907



5265753



39309



6680



# Inverse Universe

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



11763330



15242651



11768958



5853265



10027020

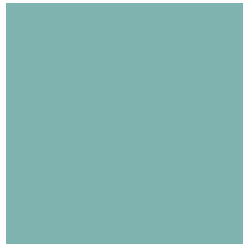


1703938



# Previews

## White Background



This preview shows how the Decimal color 8303535 looks on a white background.

## Color Contrast Check

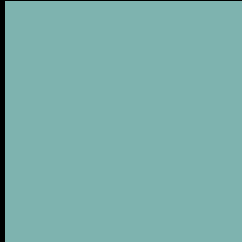
Large Text (above 18pt) WCAG AA × Fail

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 8303535 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

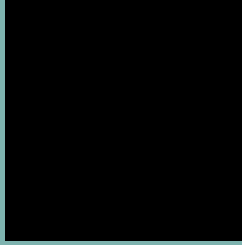
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8303535 Background



This preview shows how black text looks on a background with the Decimal color 8303535.

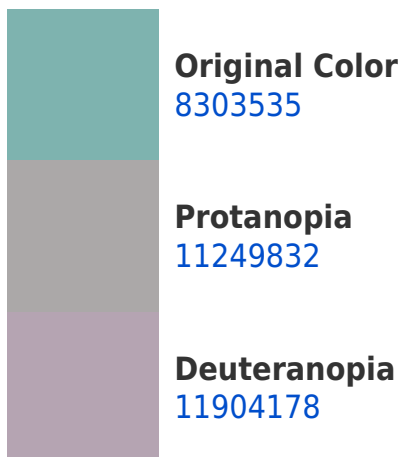


This preview shows how white text looks on a background with the Decimal color 8303535.

# 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



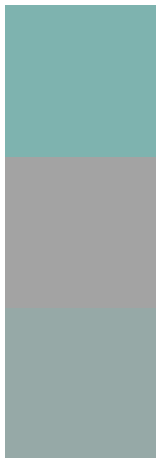
**Original Color**  
8303535

**Protanomaly**  
1020283

**Deuteranomaly**  
10594737

**Tritanomaly**  
8499897

# Monochromacy



**Original Color**  
8303535

**Achromatopsia**  
10724259

**Achromatomaly**  
9873831

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8303535 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 #7EB3AF looks like.

```
.text, #text, p{  
  color:#7EB3AF  
}
```

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 #7EB3AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EB3AF
}
```

## Border

The CSS property to change the border of an element to Decimal 8303535 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
#7EB3AF }
```

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

```
.border{ border-color:#7EB3AF }
```

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

Here you see how a box with a 4 pixel #7EB3AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EB3AF; -webkit-box-shadow:4px 4px  
4px 4px #7EB3AF; box-shadow:4px 4px 4px  
4px #7EB3AF }
```

# Background

The CSS property to change the background color of an element to Decimal 8303535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EB3AF }
```

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

```
.background{ background-color:#7EB3AF }
```

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