

# Converting Colors

Decimal(8632752)

Have a look what the booklet for  
Decimal(8632752) contains.

<b>Decimal(8632752)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(8632752)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83B9B0
RGB	131, 185, 176
RGB Percent	51%, 73%, 69%
CMY	0.4863, 0.2745, 0.3098
CMYK	0.29, 0.00, 0.05, 0.27
HSL	170°, 28%, 62%
HSV	170°, 29%, 73%
XYZ	34.5455, 42.6578, 47.4873
YIQ	167.8280, -29.2950, -14.2470

# Conversions

## Conversions Part 2

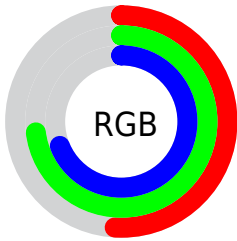
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 160, 185
Decimal	8632752
CIELab	71.32, -19.56, -1.12
CIELCh	71, 19.596, 183.264
Yxy	42.6578, 0.2770, 0.3421
Android (android.graphics.Color)	4286822832 (0xFF83B9B0)
YUV	167.8280, 4.0288, -32.2982
Hunter-Lab	65.3129, -19.8849, 2.6109

# Details

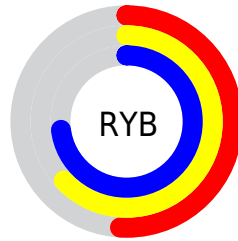
The Decimal color **8632752** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **12157836**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **12186088**, and **5211260** is the 20% darker color. If you saturate the color by 10%, you get **7453101**, and if you desaturate by 10%, it is **9812403**.

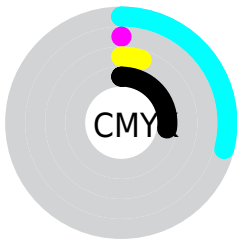
# Distribution



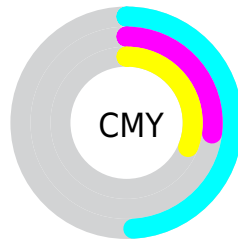
- Red (51%)
- Green (73%)
- Blue (69%)



- Red (51%)
- Yellow (63%)
- Blue (73%)



- Cyan (29%)
- Magenta (0%)
- Yellow (5%)
- Black (27%)



- Cyan (49%)
- Magenta (27%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8632752 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 8632752 by changing the saturation by 10% instead.





8632752



8632752

16777215



6921877



12186088



5211260



14090239



3566179



15925247



1856075



15156



9503



2311



0



8632752



8632752

■ 7453101

■ 9812403

■ 6207914

■ 11057590

■ 4962727

■ 12302777

■ 3783076

■ 13482428

■ 2603425

■ 14662079

■ 1358237

■ 15907267

■ 113050

■ 16759238

■ 47514

■ 16759241

■ 16759244

# Harmonies

## Analogous

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



9680798



8632752



8304834

# Triad

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



8632752



11839948



13281423

# Complementary

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



8632752



12157836

# 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.



13870236



8632752



13149375

# Square

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



8632752



10334418



13804205



12299915

# Rectangle

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



8632752



8632011



13804205



13543059



# Sweetspot

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



8632752



14348524



9222531



7043190



16250871



7895160



# Same Dimension

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



8632752



10285282



8628153



5463130



40066



7191



# Inverse Universe

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



12157836



15768746



12162435



6050644



10223642



1835013



# Previews

## White Background



This preview shows how the Decimal color 8632752 looks on a white background.

## Color Contrast Check

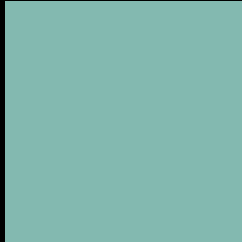
Large Text (above 18pt) WCAG AA × Fail

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 8632752 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 8632752 Background



This preview shows how black text looks on a background with the Decimal color 8632752.



This preview shows how white text looks on a background with the Decimal color 8632752.

# 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**  
8632752

**Protanomaly**  
10596780

**Deuteranomaly**  
10989490

**Tritanomaly**  
8828861

# Monochromacy



**Original Color**  
8632752

**Achromatopsia**  
11053224

**Achromatomaly**  
10202795

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8632752 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 #83B9B0 looks like.

```
.text, #text, p{  
    color:#83B9B0  
}
```

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 #83B9B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83B9B0
}
```

## Border

The CSS property to change the border of an element to Decimal 8632752 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
#83B9B0 }
```

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

```
.border{ border-color:#83B9B0 }
```

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

Here you see how a box with a 4 pixel #83B9B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83B9B0; -webkit-box-shadow:4px 4px  
4px 4px #83B9B0; box-shadow:4px 4px 4px  
4px #83B9B0 }
```

# Background

The CSS property to change the background color of an element to Decimal 8632752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83B9B0 }
```

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

```
.background{ background-color:#83B9B0 }
```

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](#).



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