

# Converting Colors

Decimal(8239532)

Have a look what the booklet for  
Decimal(8239532) contains.

<b>Decimal(8239532)</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(8239532)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DB9AC
RGB	125, 185, 172
RGB Percent	49%, 73%, 67%
CMY	0.5098, 0.2745, 0.3255
CMYK	0.32, 0.00, 0.07, 0.27
HSL	167°, 30%, 61%
HSV	167°, 32%, 73%
XYZ	33.2528, 42.0365, 45.3910
YIQ	165.5780, -31.5870, -16.7630

# Conversions

## Conversions Part 2

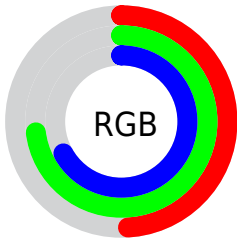
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">125, 159, 185</a>
Decimal	<a href="#">8239532</a>
CIELab	<a href="#">70.90, -22.24, 0.42</a>
CIElCh	<a href="#">71, 22.239, 178.930</a>
Yxy	<a href="#">42.0365, 0.2755, 0.3483</a>
Android (android.graphics.Color)	<a href="#">4286429612 (0xFF7DB9AC)</a>
YUV	<a href="#">165.5780, 3.1660, -35.5869</a>
Hunter-Lab	<a href="#">64.8355, -21.9132, 3.8763</a>

# Details

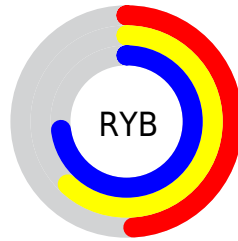
The Decimal color **8239532** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **12156298**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **11792867**, and **4818040** is the 20% darker color. If you saturate the color by 10%, you get **6994344**, and if you desaturate by 10%, it is **9484720**.

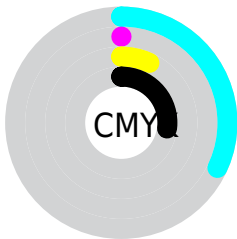
# Distribution



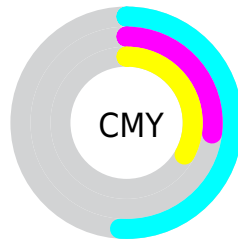
- Red (49%)
- Green (73%)
- Blue (67%)



- Red (49%)
- Yellow (62%)
- Blue (73%)



- Cyan (32%)
- Magenta (0%)
- Yellow (7%)
- Black (27%)



- Cyan (51%)
- Magenta (27%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8239532 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 8239532 by changing the saturation by 10% instead.





8239532



8239532

16777215



6528657



11792867



4818040



13697023



3107423



15532031



1266247



14897



9500



1538



0



8239532



8239532

6994344

9484720

5814692

10664372

4569504

11909560

3389852

13089212

2210200

14334400

965012

15514052

47505

16693704

16759244

16759248

# Harmonies

## Analogous

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



9549720



8239532



7649472

# Triad

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



8239532



11577809



13542796

# Complementary

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



8239532



12156298

# 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.



14131355



8239532



13083331

# Square

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



8239532



9810134



1400047



12496005

# Rectangle

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



8239532



7911371



1400047



13804432



# Sweetspot

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



8239532



14217451



9091453



6912117



16250871



7895160



# Same Dimension

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



8239532



9629915



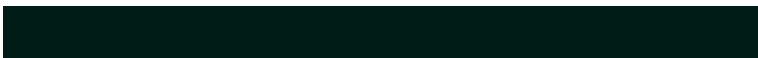
8235193



5463130



40058



7190



# Inverse Universe

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



12156298



15766182



12160637



6050645



10223650



1835014



# Previews

## White Background



This preview shows how the Decimal color 8239532 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 8239532 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

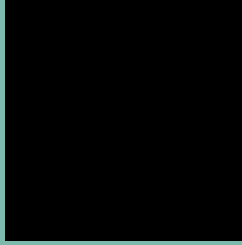
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8239532 Background



This preview shows how black text looks on a background with the Decimal color 8239532.



This preview shows how white text looks on a background with the Decimal color 8239532.

# 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



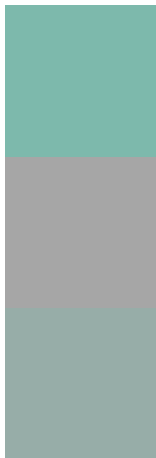
**Original Color**  
8239532

**Protanomaly**  
10465704

**Deuteranomaly**  
10858159

**Tritanomaly**  
8435387

# Monochromacy



**Original Color**  
8239532

**Achromatopsia**  
10921638

**Achromatomaly**  
9940392

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8239532 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 #7DB9AC looks like.

```
.text, #text, p{  
    color:#7DB9AC  
}
```

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 #7DB9AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DB9AC
}
```

## Border

The CSS property to change the border of an element to Decimal 8239532 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
#7DB9AC }
```

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

```
.border{ border-color:#7DB9AC }
```

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

Here you see how a box with a 4 pixel #7DB9AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DB9AC; -webkit-box-shadow:4px 4px  
4px 4px #7DB9AC; box-shadow:4px 4px 4px  
4px #7DB9AC }
```

# Background

The CSS property to change the background color of an element to Decimal 8239532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DB9AC }
```

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

```
.background{ background-color:#7DB9AC }
```

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