

# Converting Colors

Decimal(8049331)

Have a look what the booklet for  
Decimal(8049331) contains.

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**Color**

**Decimal(8049331)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AD2B3
RGB	122, 210, 179
RGB Percent	48%, 82%, 70%
CMY	0.5216, 0.1765, 0.2980
CMYK	0.42, 0.00, 0.15, 0.18
HSL	159°, 49%, 65%
HSV	159°, 42%, 82%
XYZ	39.2093, 53.4854, 50.9050
YIQ	180.1540, -42.4970, -28.2970

# Conversions

## Conversions Part 2

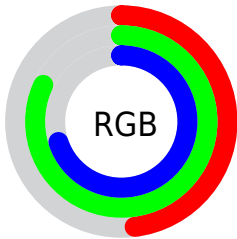
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">122, 175, 210</a>
Decimal	<a href="#">8049331</a>
CIELab	<a href="#">78.16, -33.66, 7.12</a>
CIElCh	<a href="#">78, 34.401, 168.054</a>
Yxy	<a href="#">53.4854, 0.2730, 0.3725</a>
Android (android.graphics.Color)	<a href="#">4286239411 (0xFF7AD2B3)</a>
YUV	<a href="#">180.1540, -0.5689, -51.0011</a>
Hunter-Lab	<a href="#">73.1337, -32.2845, 9.9246</a>

# Details

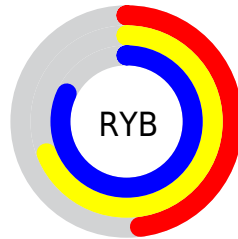
The Decimal color **8049331** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **13793945**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **11730923**, and **4430718** is the 20% darker color. If you saturate the color by 10%, you get **6673068**, and if you desaturate by 10%, it is **9425594**.

# Distribution



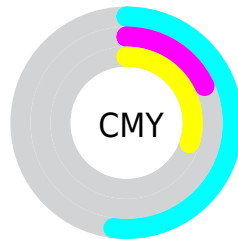
- Red (48%)
- Green (82%)
- Blue (70%)



- Red (48%)
- Yellow (69%)
- Blue (82%)



- Cyan (42%)
- Magenta (0%)
- Yellow (15%)
- Black (18%)



- Cyan (52%)
- Magenta (18%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8049331 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 8049331 by changing the saturation by 10% instead.





8049331



8049331

16777215



6207128



11730923



4430718



13631487



2392421



15532031



26445



20023



14113



8971



0



8049331



8049331

■ 6673068

■ 9425594

■ 5296804

■ 10801858

■ 3920541

■ 12178121

■ 2544277

■ 13554385

■ 1168014

■ 14930648

■ 53896

■ 16306911

■ 16765671

■ 16765678

■ 16765686

# Harmonies

## Analogous

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



10538390



8049331



6083540

# Triad

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



8049331



11845374



16363667

# Complementary

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



8049331



13793945

# 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.



16755375



8049331



14529260

# Square

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



8049331



8702207



16296911



14924675

# Rectangle

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



8049331



5820904



16296911



16690843

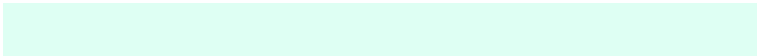


# Sweetspot

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



8049331



14614515



10146426



7045240



0



8421504



# Same Dimension

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



8049331



8454098



8046290



6187365



43117



10522



# Inverse Universe

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



13793945



16744620



13796986



6905442



11010107



2686990



# Previews

## White Background



This preview shows how the Decimal color 8049331 looks on a white background.

## Color Contrast Check

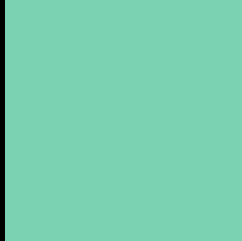
Large Text (above 18pt) WCAG AA × Fail

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 8049331 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 8049331 Background



This preview shows how black text looks on a background with the Decimal color 8049331.



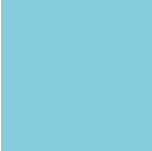
This preview shows how white text looks on a background with the Decimal color 8049331.

# 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**  
8768733

# Trichromacy



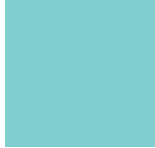
**Original Color**  
8049331



**Protanomaly**  
11323309



**Deuteranomaly**  
11912118

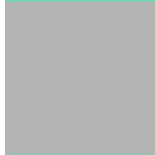


**Tritanomaly**  
8507086

# Monochromacy



**Original Color**  
8049331



**Achromatopsia**  
11842740



**Achromatomaly**  
10469300

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8049331 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 #7AD2B3 looks like.

```
.text, #text, p{  
    color:#7AD2B3  
}
```

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 #7AD2B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AD2B3
}
```

## Border

The CSS property to change the border of an element to Decimal 8049331 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
#7AD2B3 }
```

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

```
.border{ border-color:#7AD2B3 }
```

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

Here you see how a box with a 4 pixel #7AD2B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AD2B3; -webkit-box-shadow:4px 4px  
4px 4px #7AD2B3; box-shadow:4px 4px 4px  
4px #7AD2B3 }
```

# Background

The CSS property to change the background color of an element to Decimal 8049331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AD2B3 }
```

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

```
.background{ background-color:#7AD2B3 }
```

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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