

# Converting Colors

Decimal(8504258)

Have a look what the booklet for  
Decimal(8504258) contains.

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# **Color**

**Decimal(8504258)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81C3C2
RGB	129, 195, 194
RGB Percent	51%, 76%, 76%
CMY	0.4941, 0.2353, 0.2392
CMYK	0.34, 0.00, 0.01, 0.24
HSL	179°, 35%, 64%
HSV	179°, 34%, 76%
XYZ	38.3060, 47.5924, 58.2062
YIQ	175.1520, -39.0150, -14.3030

# Conversions

## Conversions Part 2

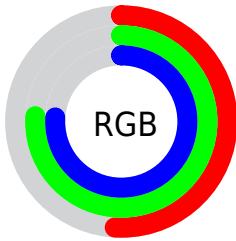
Format	Color
<a href="#">RYB</a>	<a href="#">129, 162, 195</a>
Decimal	<a href="#">8504258</a>
CIELab	<a href="#">74.57, -21.05, -6.17</a>
CIELCh	<a href="#">75, 21.932, 196.333</a>
Yxy	<a href="#">47.5924, 0.2658, 0.3303</a>
Android (android.graphics.Color)	<a href="#">4286694338</a> ( <a href="#">0xFF81C3C2</a> )
YUV	<a href="#">175.1520, 9.2921, -40.4753</a>
Hunter-Lab	<a href="#">68.9872, -21.6134, -1.7334</a>

# Details

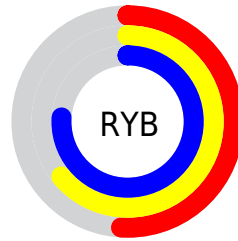
The Decimal color **8504258** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **12812674**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **12123386**, and **5016972** is the 20% darker color. If you saturate the color by 10%, you get **7259074**, and if you desaturate by 10%, it is **9814978**.

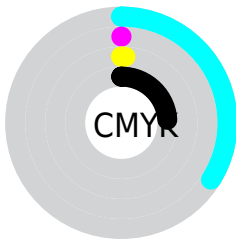
# Distribution



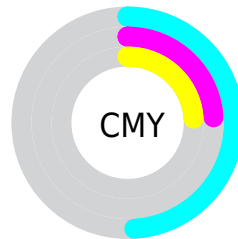
- Red (51%)
- Green (76%)
- Blue (76%)



- Red (51%)
- Yellow (64%)
- Blue (76%)



- Cyan (34%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



- Cyan (49%)
- Magenta (24%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8504258 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 8504258 by changing the saturation by 10% instead.





8504258



8504258

16777215



6727847



12123386



5016972



14024703



3175283



15925247



1137498



17219



11309



6424



0



8504258



8504258

7259074

9814978

5948353

11060163

4703169

12305347

3392449

13616067

2147265

14926787

836544

16171972

50112

16761796

16761797

# Harmonies

## Analogous

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



9421485



8504258



8569300

# Triad

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



8504258



13152211



13611921

# Complementary

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



8504258



12812674

# 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.



14527899



8504258



14330562

# Square

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



8504258



11515358



14789037



12302993

# Rectangle

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



8504258



9289436



14789037



14004627



# Sweetspot

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



8504258



14941436



8569729



7372927



0



8421504



# Same Dimension

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



8504258



9829627



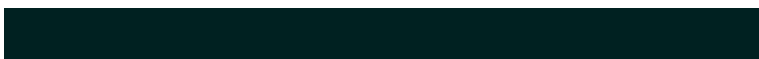
8496067



5726561



41374



8481



# Inverse Universe

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



12812674



16553367



12820865



6379351



10551298



2162689



# Previews

## White Background



This preview shows how the Decimal color 8504258 looks on a white background.

## Color Contrast Check

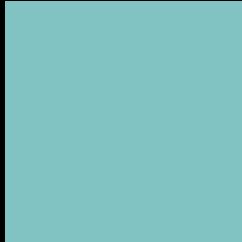
Large Text (above 18pt) WCAG AA × Fail

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 8504258 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

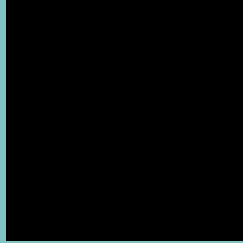
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8504258 Background



This preview shows how black text looks on a background with the Decimal color 8504258.



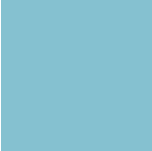
This preview shows how white text looks on a background with the Decimal color 8504258.

# 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**  
8765904

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8504258 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 #81C3C2 looks like.

```
.text, #text, p{  
    color:#81C3C2  
}
```

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 #81C3C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81C3C2
}
```

## Border

The CSS property to change the border of an element to Decimal 8504258 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
#81C3C2 }
```

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

```
.border{ border-color:#81C3C2 }
```

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

Here you see how a box with a 4 pixel #81C3C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81C3C2; -webkit-box-shadow:4px 4px  
4px 4px #81C3C2; box-shadow:4px 4px 4px  
4px #81C3C2 }
```

# Background

The CSS property to change the background color of an element to Decimal 8504258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81C3C2 }
```

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

```
.background{ background-color:#81C3C2 }
```

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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