

# Converting Colors

Decimal(118201)

Have a look what the booklet for  
Decimal(118201) contains.

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# **Color**

**Decimal(118201)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01CDB9
RGB	1, 205, 185
RGB Percent	0%, 80%, 73%
CMY	0.9961, 0.1961, 0.2745
CMYK	1.00, 0.00, 0.10, 0.20
HSL	174°, 99%, 40%
HSV	174°, 100%, 80%
XYZ	30.6008, 47.1719, 53.3912
YIQ	141.7240, -115.1640, -49.4680

# Conversions

## Conversions Part 2

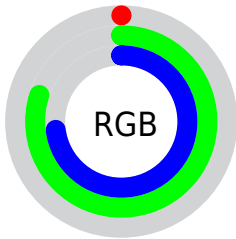
Format	Color
<a href="#">RYB</a>	1, 108, 205
Decimal	118201
CIELab	74.30, -46.53, -2.02
CIELCh	74, 46.576, 182.490
Yxy	47.1719, 0.2333, 0.3596
Android (android.graphics.Color)	4278308281 (0xFF01CDB9)
YUV	141.7240, 21.3351, -123.4149
Hunter-Lab	68.6818, -40.6634, 1.9870

# Details

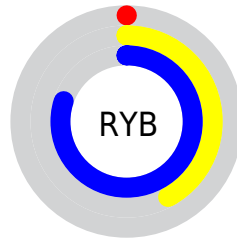
The Decimal color **118201** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **13435157**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **6946801**, and **38532** is the 20% darker color. If you saturate the color by 10%, you get **52665**, and if you desaturate by 10%, it is **1428923**.

# Distribution



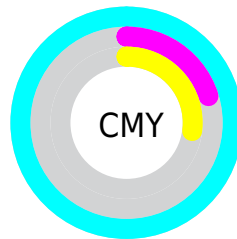
- Red (0%)
- Green (80%)
- Blue (73%)



- Red (0%)
- Yellow (42%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 118201 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 118201 by changing the saturation by 10% instead.



 118201       118201

16777215       45470

 6946801       38532

 9109503       31595

 11141119       24915

 13238271       18492

 15269887       12582

 6162

 0

 118201       118201

■ 52665

■ 1428923

■ 2805181

■ 4115903

■ 5492161

■ 6868419

■ 8179141

■ 9555399

■ 10866121

■ 12242379

# Harmonies

## Analogous

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



7129742



118201



52451

# Triad

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



118201



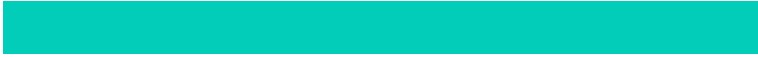
12561151



15836779

# Complementary

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



118201



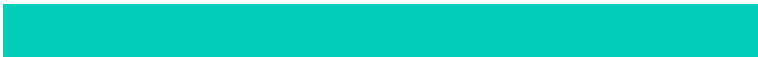
13435157

# 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.



16750987



118201



15703007

# Square

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



118201



7912191



16749749



13546847

# Rectangle

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



118201



51450



16749749



16425332

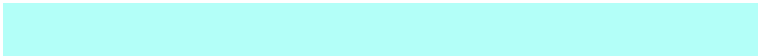


# Sweetspot

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



118201



11796472



1428737



5406843



0



8421504



# Same Dimension

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



118201



65510



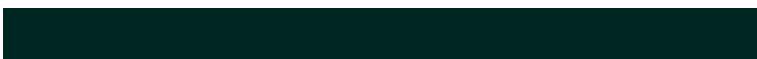
97229



605525



42645



9763



# Inverse Universe

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



13435157



16711705



13456129



6708317



10878992

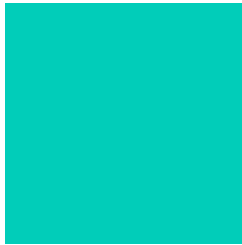


2490372



# Previews

## White Background



This preview shows how the Decimal color 118201 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 118201 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

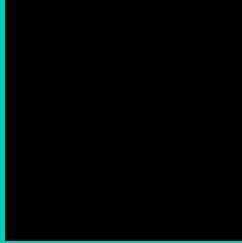
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

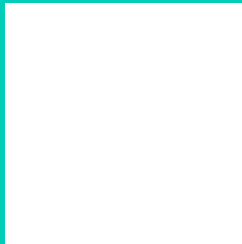
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Decimal 118201 Background



This preview shows how black text looks on a background with the Decimal color 118201.



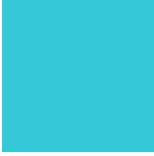
This preview shows how white text looks on a background with the Decimal color 118201.

# 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**  
3459289

# Trichromacy



**Original Color**

118201



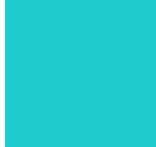
**Protanomaly**

7847600



**Deuteranomaly**

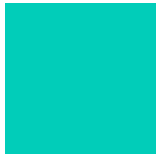
8174525



**Tritanomaly**

2214605

# Monochromacy



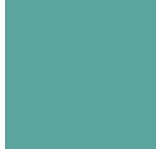
**Original Color**

118201



**Achromatopsia**

9342606



**Achromatomaly**

6006174

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 118201 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 #01CDB9 looks like.

```
.text, #text, p{  
    color:#01CDB9  
}
```

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 #01CDB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01CDB9
}
```

## Border

The CSS property to change the border of an element to Decimal 118201 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
#01CDB9 }
```

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

```
.border{ border-color:#01CDB9 }
```

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

Here you see how a box with a 4 pixel #01CDB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01CDB9; -webkit-box-shadow:4px 4px  
4px 4px #01CDB9; box-shadow:4px 4px 4px  
4px #01CDB9 }
```

# Background

The CSS property to change the background color of an element to Decimal 118201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01CDB9 }
```

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

```
.background{ background-color:#01CDB9 }
```

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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