

# Converting Colors

Decimal(2350220)

Have a look what the booklet for  
Decimal(2350220) contains.

<b>Decimal(2350220)</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(2350220)**

# Conversions

## Conversions Part 1

Format	Color
Hex	23DC8C
RGB	35, 220, 140
RGB Percent	14%, 86%, 55%
CMY	0.8627, 0.1373, 0.4510
CMYK	0.84, 0.00, 0.36, 0.14
HSL	154°, 73%, 50%
HSV	154°, 84%, 86%
XYZ	31.0200, 53.4372, 33.4904
YIQ	155.5650, -84.5800, -64.1000

# Conversions

## Conversions Part 2

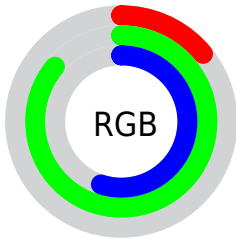
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 153, 220
Decimal	2350220
CIELab	78.13, -61.50, 27.29
CIELCh	78, 67.280, 156.068
Yxy	53.4372, 0.2630, 0.4531
Android (android.graphics.Color)	4280540300 (0xFF23DC8C)
YUV	155.5650, -7.6735, -105.7355
Hunter-Lab	73.1007, -52.1806, 24.0073

# Details

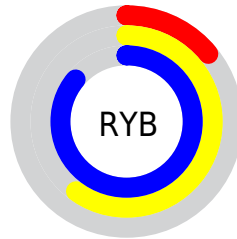
The Decimal color **2350220** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **14426995**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **7602114**, and **42073** is the 20% darker color. If you saturate the color by 10%, you get **908418**, and if you desaturate by 10%, it is **3792022**.

# Distribution



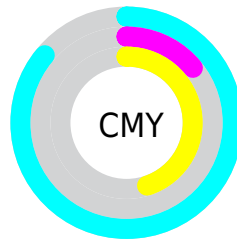
- Red (14%)
- Green (86%)
- Blue (55%)



- Red (14%)
- Yellow (60%)
- Blue (86%)



- Cyan (84%)
- Magenta (0%)
- Yellow (36%)
- Black (14%)



- Cyan (86%)
- Magenta (14%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2350220 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 2350220 by changing the saturation by 10% instead.



 2350220

 2350220

16777215

 49010

 7602114

 42073

 9699294

 34881

 11730939

 28202

 13762559

 21523

 15794175

 15104

 8960

 0

 2350220

 2350220

■ 908418

■ 3792022

■ 56445

■ 5233823

■ 6675625

■ 8117426

■ 9559228

■ 11001029

■ 12442831

■ 13884632

■ 15326434

# Harmonies

## Analogous

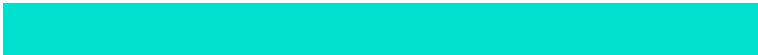
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9818710



2350220



57548

# Triad

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



2350220



5752063



16749691

# Complementary

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



2350220



14426995

# 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.



16746679



2350220



14003199

# Square

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



2350220



54783



16749301



16755788

# Rectangle

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



2350220



57334



16749301



16748174

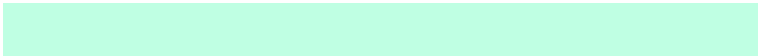


# Sweetspot

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



2350220



12582883



7592995



5865583



0



8421504



# Same Dimension

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



2350220



65425



2347228



6516329



44386



11802



# Inverse Universe

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



14426995



16711790



14429987



7234407



11337803

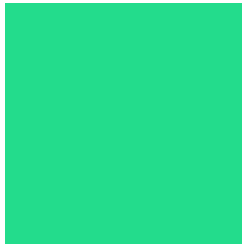


3014676



# Previews

## White Background



This preview shows how the Decimal color 2350220 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 2350220 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

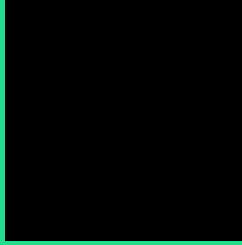
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 2350220 Background



This preview shows how black text looks on a background with the Decimal color 2350220.

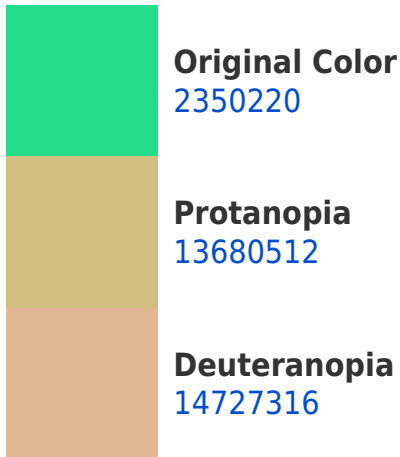


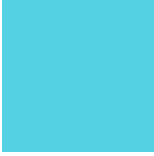
This preview shows how white text looks on a background with the Decimal color 2350220.

# 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**  
5558754

# Trichromacy



**Original Color**

2350220



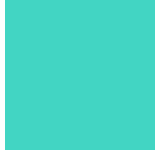
**Protanomaly**

9554564



**Deuteranomaly**

10208657



**Tritanomaly**

4380099

# Monochromacy



**Original Color**

2350220



**Achromatopsia**

10263708



**Achromatomaly**

7386006

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2350220 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 #23DC8C looks like.

```
.text, #text, p{  
  color:#23DC8C  
}
```

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 #23DC8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23DC8C
}
```

## Border

The CSS property to change the border of an element to Decimal 2350220 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
#23DC8C }
```

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

```
.border{ border-color:#23DC8C }
```

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

Here you see how a box with a 4 pixel #23DC8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23DC8C; -webkit-box-shadow:4px 4px  
4px 4px #23DC8C; box-shadow:4px 4px 4px  
4px #23DC8C }
```

# Background

The CSS property to change the background color of an element to Decimal 2350220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23DC8C }
```

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

```
.background{ background-color:#23DC8C }
```

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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