

# Converting Colors

Decimal(5886391)

Have a look what the booklet for  
Decimal(5886391) contains.

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# **Color**

**Decimal(5886391)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59D1B7
RGB	89, 209, 183
RGB Percent	35%, 82%, 72%
CMY	0.6510, 0.1804, 0.2824
CMYK	0.57, 0.00, 0.12, 0.18
HSL	167°, 57%, 58%
HSV	167°, 57%, 82%
XYZ	35.4675, 51.1437, 52.8021
YIQ	170.1560, -63.1740, -33.5260

# Conversions

## Conversions Part 2

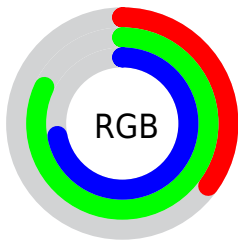
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 156, 209
Decimal	5886391
CIELab	76.77, -39.88, 2.81
CIElCh	77, 39.981, 175.969
Yxy	51.1437, 0.2544, 0.3668
Android (android.graphics.Color)	4284076471 (0xFF59D1B7)
YUV	170.1560, 6.3321, -71.1738
Hunter-Lab	71.5148, -36.6244, 6.2843

# Details

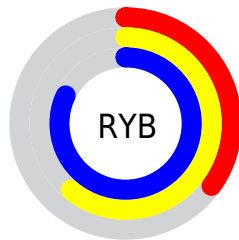
The Decimal color **5886391** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **13719923**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **9830383**, and **236162** is the 20% darker color. If you saturate the color by 10%, you get **4510130**, and if you desaturate by 10%, it is **7262652**.

# Distribution



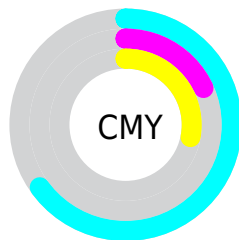
- Red (35%)
- Green (82%)
- Blue (72%)



- Red (35%)
- Yellow (61%)
- Blue (82%)



- Cyan (57%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)



- Cyan (65%)
- Magenta (18%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5886391 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 5886391 by changing the saturation by 10% instead.



■ 5886391

■ 5886391

16777215

■ 3716508

■ 9830383

■ 236162

■ 11730943

■ 32617

■ 13697023

■ 26193

■ 15663103

■ 19770

■ 13605

■ 8208

■ 0

■ 5886391

■ 5886391

■ 4510130

■ 7262652

■ 3133870

■ 8638912

■ 1757609

■ 10015173

■ 381349

■ 11391433

■ 53668

■ 12767694

■ 14078418

■ 15454679

■ 16765403

■ 16765408

# Harmonies

## Analogous

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



9096595



5886391



2740701

# Triad

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



5886391



12302079



16231809

# Complementary

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



5886391



13719923

# 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.



16753567



5886391



15182311

# Square

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



5886391



8438783



16753092



14400115

# Rectangle

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



5886391



3067634



16753092



16689546

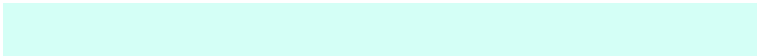


# Sweetspot

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



5886391



13959158



7590233



6717562



0



8421504



# Same Dimension

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



5886391



5242841



5877713



6187366



43140



10528



# Inverse Universe

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



13719923



16732021



13728601



6905440



11010084

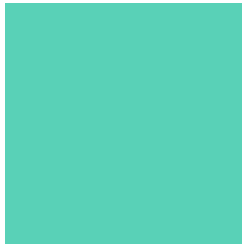


2686985



# Previews

## White Background



This preview shows how the Decimal color 5886391 looks on a white background.

## Color Contrast Check

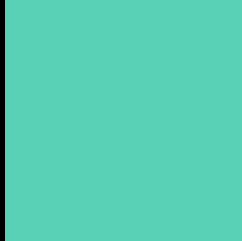
Large Text (above 18pt) WCAG AA × Fail

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 5886391 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

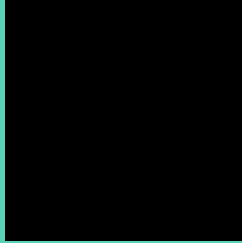
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

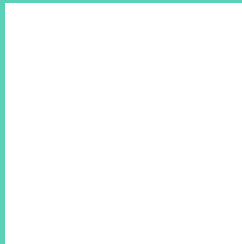
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5886391 Background



This preview shows how black text looks on a background with the Decimal color 5886391.

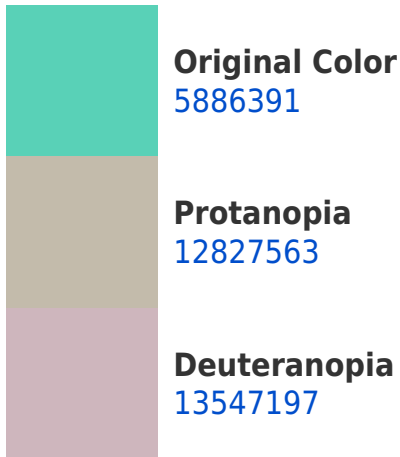


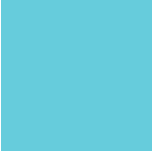
This preview shows how white text looks on a background with the Decimal color 5886391.

# 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**  
6737116

# Trichromacy



**Original Color**  
5886391



**Protanomaly**  
10273711



**Deuteranomaly**  
10731707

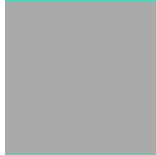


**Tritanomaly**  
6409935

# Monochromacy



**Original Color**  
5886391



**Achromatopsia**  
11184810



**Achromatomaly**  
9287855

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5886391 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 #59D1B7 looks like.

```
.text, #text, p{  
    color:#59D1B7  
}
```

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 #59D1B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59D1B7
}
```

## Border

The CSS property to change the border of an element to Decimal 5886391 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
#59D1B7 }
```

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

```
.border{ border-color:#59D1B7 }
```

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

Here you see how a box with a 4 pixel #59D1B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59D1B7; -webkit-box-shadow:4px 4px  
4px 4px #59D1B7; box-shadow:4px 4px 4px  
4px #59D1B7 }
```

# Background

The CSS property to change the background color of an element to Decimal 5886391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59D1B7 }
```

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

```
.background{ background-color:#59D1B7 }
```

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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