

# Converting Colors

Decimal(5886640)

Have a look what the booklet for  
Decimal(5886640) contains.

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# **Color**

**Decimal(5886640)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59D2B0
RGB	89, 210, 176
RGB Percent	35%, 82%, 69%
CMY	0.6510, 0.1765, 0.3098
CMYK	0.58, 0.00, 0.16, 0.18
HSL	163°, 57%, 59%
HSV	163°, 58%, 82%
XYZ	35.0029, 51.3516, 49.1413
YIQ	169.9450, -61.2020, -36.2260

# Conversions

## Conversions Part 2

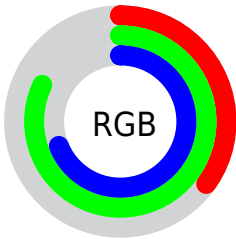
Format	Color
<b>RYB</b>	89, 159, 210
Decimal	5886640
CIELab	76.89, -42.00, 6.75
CIElCh	77, 42.541, 170.876
Yxy	51.3516, 0.2583, 0.3790
Android (android.graphics.Color)	4284076720 (0xFF59D2B0)
YUV	169.9450, 2.9851, -70.9888
Hunter-Lab	71.6600, -38.2154, 9.5036

# Details

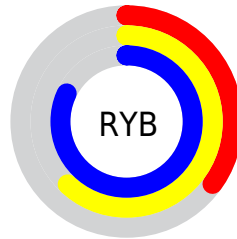
The Decimal color **5886640** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **13785467**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **9830376**, and **301948** is the 20% darker color. If you saturate the color by 10%, you get **4510378**, and if you desaturate by 10%, it is **7262902**.

# Distribution



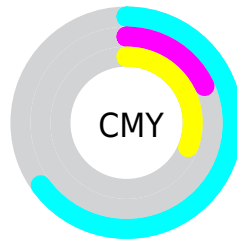
- Red (35%)
- Green (82%)
- Blue (69%)



- Red (35%)
- Yellow (62%)
- Blue (82%)



- Cyan (58%)
- Magenta (0%)
- Yellow (16%)
- Black (18%)



- Cyan (65%)
- Magenta (18%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5886640 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 5886640 by changing the saturation by 10% instead.



 5886640

 5886640

16777215

 3716757

 9830376

 301948

 11730943

 32867

 13697023

 26187

 15597567

 19764

 13599

 8199

 0

 5886640

 5886640

■ 4510378

■ 7262902

■ 3134116

■ 8639164

■ 1757854

■ 10015426

■ 381592

■ 11391688

■ 53911

■ 12767950

■ 14144211

■ 15520473

■ 16765663

■ 16765669

# Harmonies

## Analogous

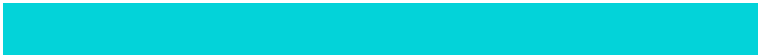
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9358731



5886640



250841

# Triad

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



5886640



11581695



16689794

# Complementary

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



5886640



13785467

# 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.



16752804



5886640



14985968

# Square

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



5886640



7194111



16752844



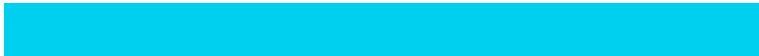
14858096

# Rectangle

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



5886640



53488



16752844



16754316

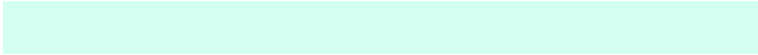


# Sweetspot

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



5886640



13959155



8114777



6717560



0



8421504



# Same Dimension

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



5886640



5242830



5880018



6187366



43129



10525



# Inverse Universe

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



13785467



16732032



13792089



6905441



11010095

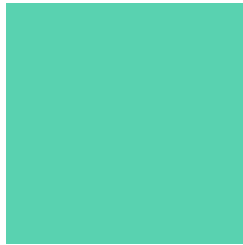


2686987



# Previews

## White Background



This preview shows how the Decimal color 5886640 looks on a white background.

## Color Contrast Check

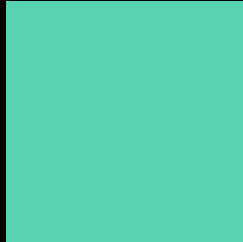
Large Text (above 18pt) WCAG AA × Fail

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 5886640 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

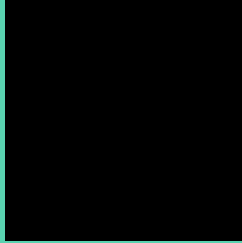
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

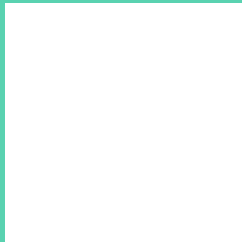
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5886640 Background



This preview shows how black text looks on a background with the Decimal color 5886640.



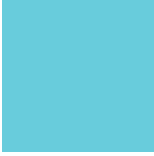
This preview shows how white text looks on a background with the Decimal color 5886640.

# 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](#).

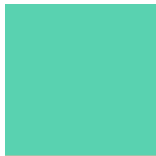
## Dichromacy





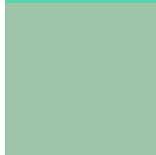
**Tritanopia**  
6868188

# Trichromacy



**Original Color**

5886640



**Protanomaly**

10405032



**Deuteranomaly**

10862772



**Tritanomaly**

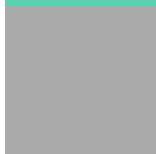
6541004

# Monochromacy



**Original Color**

5886640



**Achromatopsia**

11184810



**Achromatomaly**

9288108

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5886640 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 #59D2B0 looks like.

```
.text, #text, p{  
    color:#59D2B0  
}
```

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 #59D2B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59D2B0
}
```

## Border

The CSS property to change the border of an element to Decimal 5886640 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
#59D2B0 }
```

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

```
.border{ border-color:#59D2B0 }
```

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

Here you see how a box with a 4 pixel #59D2B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59D2B0; -webkit-box-shadow:4px 4px  
4px 4px #59D2B0; box-shadow:4px 4px 4px  
4px #59D2B0 }
```

# Background

The CSS property to change the background color of an element to Decimal 5886640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59D2B0 }
```

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

```
.background{ background-color:#59D2B0 }
```

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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