

# Converting Colors

Decimal(5361067)

Have a look what the booklet for  
Decimal(5361067) contains.

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**Color**

**Decimal(5361067)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51CDAB
RGB	81, 205, 171
RGB Percent	32%, 80%, 67%
CMY	0.6824, 0.1961, 0.3294
CMYK	0.60, 0.00, 0.17, 0.20
HSL	164°, 55%, 56%
HSV	164°, 60%, 80%
XYZ	32.5753, 48.3522, 46.1441
YIQ	164.0480, -62.9900, -36.8620

# Conversions

## Conversions Part 2

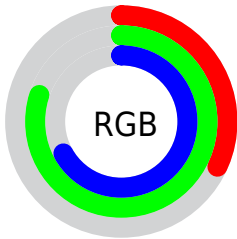
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 153, 205
Decimal	5361067
CIELab	75.05, -42.53, 6.75
CIElCh	75, 43.067, 170.983
Yxy	48.3522, 0.2564, 0.3805
Android (android.graphics.Color)	4283551147 (0xFF51CDAB)
YUV	164.0480, 3.4273, -72.8331
Hunter-Lab	69.5358, -38.0659, 9.3301

# Details

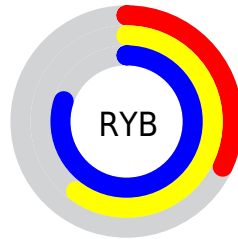
The Decimal color **5361067** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **13455731**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **9306082**, and **38519** is the 20% darker color. If you saturate the color by 10%, you get **3984805**, and if you desaturate by 10%, it is **6671793**.

# Distribution



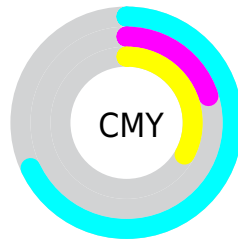
- Red (32%)
- Green (80%)
- Blue (67%)



- Red (32%)
- Yellow (60%)
- Blue (80%)



- Cyan (60%)
- Magenta (0%)
- Yellow (17%)
- Black (20%)



- Cyan (68%)
- Magenta (20%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5361067 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 5361067 by changing the saturation by 10% instead.



 5361067

 5361067

16777215


 3060112

 9306082


 38519

 11272191

 31582

 13172735

 25159

 15138815

 18736

 12571

 6657

 0

 5361067

 5361067

■ 3984805

■ 6671793

■ 2674080

■ 8048054

■ 1297818

■ 9424316

■ 52629

■ 10735041

■ 12111303

■ 13422029

■ 14732754

■ 16109016

■ 16764382

# Harmonies

## Analogous

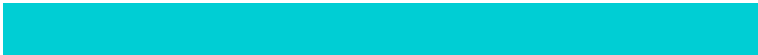
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8964229



5361067



52948

# Triad

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



5361067



11252735



16360573

# Complementary

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



5361067



13455731

# 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.



16751518



5361067



14656747

# Square

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



5361067



6734079



16686022



14529130

# Rectangle

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



5361067



52204



16686022



16752775

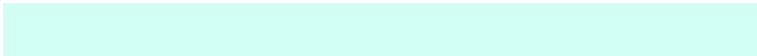


# Sweetspot

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



5361067



13762546



7654737



6520952



0



8421504



# Same Dimension

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



5361067



4587468



5354189



6055523



42616



9756



# Inverse Universe

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



13455731



16729464



13462609



6708319



10879021

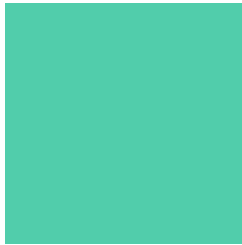


2490378



# Previews

## White Background



This preview shows how the Decimal color 5361067 looks on a white background.

## Color Contrast Check

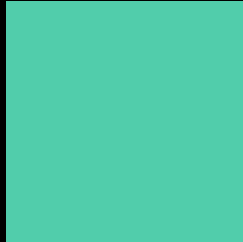
Large Text (above 18pt) WCAG AA × Fail

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 5361067 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

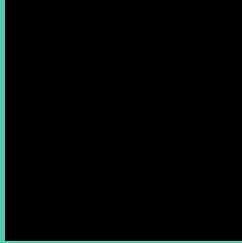
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

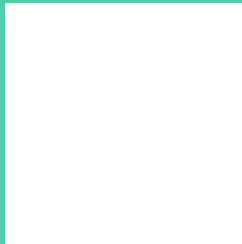
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5361067 Background



This preview shows how black text looks on a background with the Decimal color 5361067.



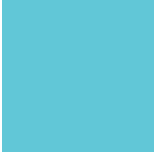
This preview shows how white text looks on a background with the Decimal color 5361067.

# 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**  
6408151

# Trichromacy



**Original Color**  
5361067



**Protanomaly**  
10010531



**Deuteranomaly**  
10468271



**Tritanomaly**  
6015431

# Monochromacy



**Original Color**  
5361067



**Achromatopsia**  
10790052



**Achromatomaly**  
8827815

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5361067 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 #51CDAB looks like.

```
.text, #text, p{  
    color:#51CDAB  
}
```

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 #51CDAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51CDAB
}
```

## Border

The CSS property to change the border of an element to Decimal 5361067 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
#51CDAB }
```

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

```
.border{ border-color:#51CDAB }
```

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

Here you see how a box with a 4 pixel #51CDAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51CDAB; -webkit-box-shadow:4px 4px  
4px 4px #51CDAB; box-shadow:4px 4px 4px  
4px #51CDAB }
```

# Background

The CSS property to change the background color of an element to Decimal 5361067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51CDAB }
```

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

```
.background{ background-color:#51CDAB }
```

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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