

# Converting Colors

Decimal(511437)

Have a look what the booklet for  
Decimal(511437) contains.

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# **Color**

**Decimal(511437)**

# Conversions

## Conversions Part 1

Format	Color
Hex	07CDCD
RGB	7, 205, 205
RGB Percent	3%, 80%, 80%
CMY	0.9725, 0.1961, 0.1961
CMYK	0.97, 0.00, 0.00, 0.20
HSL	180°, 93%, 42%
HSV	180°, 97%, 80%
XYZ	32.9384, 48.1156, 65.3088
YIQ	145.7980, -118.0080, -41.9760

# Conversions

## Conversions Part 2

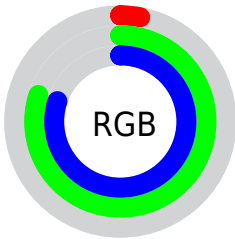
Format	Color
<a href="#">RYB</a>	<a href="#">7, 106, 205</a>
Decimal	<a href="#">511437</a>
CIELab	<a href="#">74.90, -40.60, -11.95</a>
CIELCh	<a href="#">75, 42.320, 196.399</a>
Yxy	<a href="#">48.1156, 0.2250, 0.3287</a>
Android (android.graphics.Color)	<a href="#">4278701517 (0xFF07CDCD)</a>
YUV	<a href="#">145.7980, 29.1866, -121.7258</a>
Hunter-Lab	<a href="#">69.3654, -36.6281, -7.2669</a>

# Details

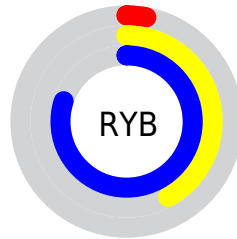
The Decimal color **511437** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **13436679**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **7143423**, and **38551** is the 20% darker color. If you saturate the color by 10%, you get **52685**, and if you desaturate by 10%, it is **1887693**.

# Distribution



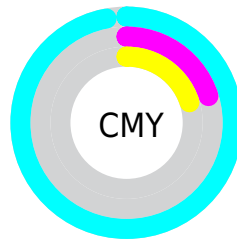
- Red (3%)
- Green (80%)
- Blue (80%)



- Red (3%)
- Yellow (42%)
- Blue (80%)



- Cyan (97%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



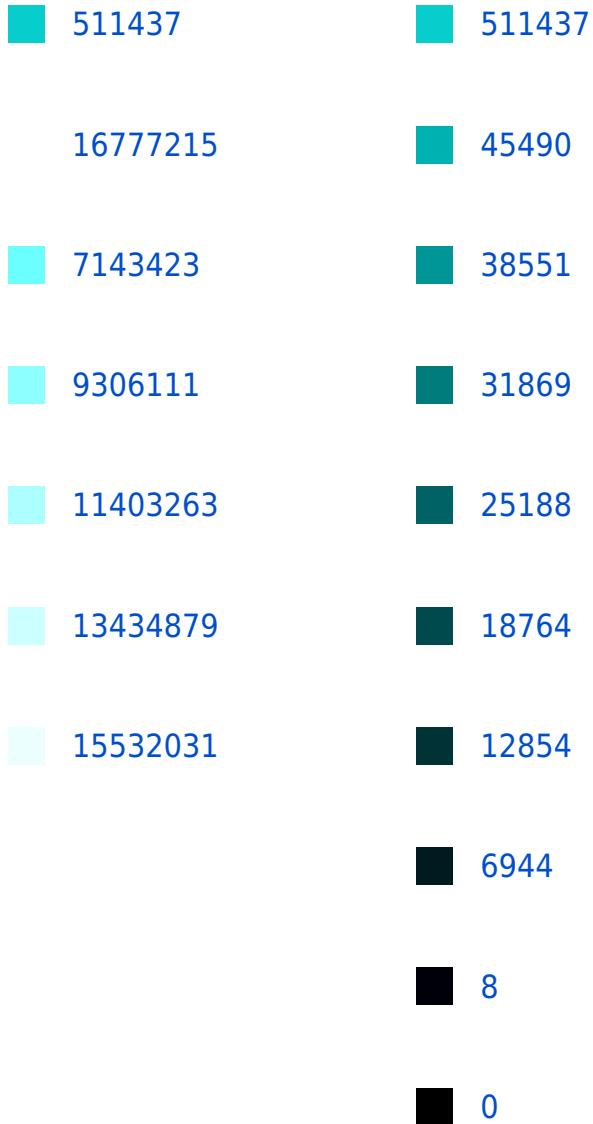
- Cyan (97%)
- Magenta (20%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 511437 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 511437 by changing the saturation by 10% instead.





■ 511437

■ 511437

■ 52685

■ 1887693

■ 3198413

■ 4574669

■ 5885389

■ 7261645

■ 8572365

■ 9948621

■ 11259341

■ 12635597

# Harmonies

## Analogous

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



6147237



511437



51952

# Triad

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



511437



14132974



14790765

# Complementary

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



511437



13436679

# 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.



16491394



511437



16358604

# Square

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



511437



10663423



16751268



12369260

# Rectangle

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



511437



4244991



16751268



15444850

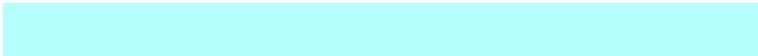


# Sweetspot

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



511437



11927551



511239



5472384



0



8421504



# Same Dimension

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



511437



65535



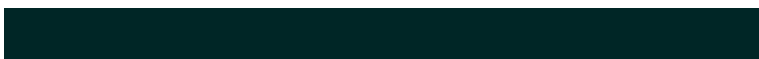
486093



605526



42662



9766



# Inverse Universe

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



13436877



16711935



13462023



6708326



10879142

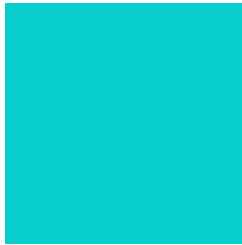


2490406



# Previews

## White Background



This preview shows how the Decimal color 511437 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 511437 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

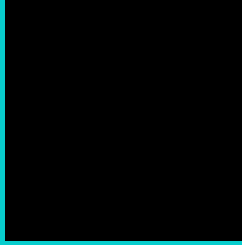
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 511437 Background



This preview shows how black text looks on a background with the Decimal color 511437.

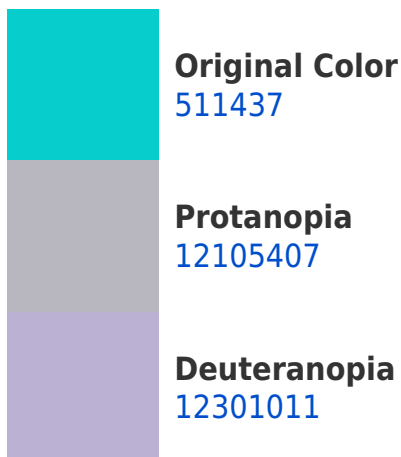


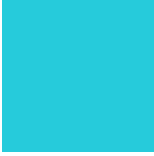
This preview shows how white text looks on a background with the Decimal color 511437.

# 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**  
2542555

# Trichromacy



**Original Color**  
511437



**Protanomaly**  
7913156



**Deuteranomaly**  
8043729



**Tritanomaly**  
1821910

# Monochromacy



**Original Color**  
511437



**Achromatopsia**  
9605778



**Achromatomaly**  
6268839

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 511437 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 #07CDCD looks like.

```
.text, #text, p{  
  color:#07CDCD  
}
```

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 #07CDCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07CDCD
}
```

## Border

The CSS property to change the border of an element to Decimal 511437 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
#07CDCD }
```

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

```
.border{ border-color:#07CDCD }
```

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

Here you see how a box with a 4 pixel #07CDCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07CDCD; -webkit-box-shadow:4px 4px  
4px 4px #07CDCD; box-shadow:4px 4px 4px  
4px #07CDCD }
```

# Background

The CSS property to change the background color of an element to Decimal 511437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07CDCD }
```

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

```
.background{ background-color:#07CDCD }
```

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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