

Converting Colors

Decimal(513450)

Have a look what the booklet for
Decimal(513450) contains.

Decimal(513450)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(513450)

Conversions

Conversions Part 1

Format	Color
Hex	07D5AA
RGB	7, 213, 170
RGB Percent	3%, 84%, 67%
CMY	0.9725, 0.1647, 0.3333
CMYK	0.97, 0.00, 0.20, 0.16
HSL	167°, 94%, 43%
HSV	167°, 97%, 84%
XYZ	31.1376, 50.5360, 46.1435
YIQ	146.5040, -108.9730, -57.0450

Conversions

Conversions Part 2

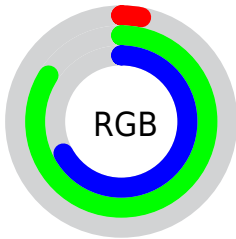
Format	Color
RYB	7, 122, 213
Decimal	513450
CIELab	76.40, -53.58, 9.08
CIElCh	76, 54.345, 170.383
Yxy	50.5360, 0.2436, 0.3954
Android (android.graphics.Color)	4278703530 (0xFF07D5AA)
YUV	146.5040, 11.5835, -122.3450
Hunter-Lab	71.0886, -46.2203, 11.2770

Details

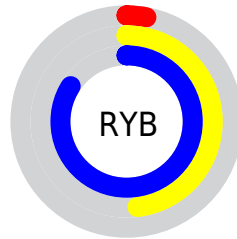
The Decimal color **513450** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **13961010**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **7012321**, and **40310** is the 20% darker color. If you saturate the color by 10%, you get **54697**, and if you desaturate by 10%, it is **1889710**.

Distribution



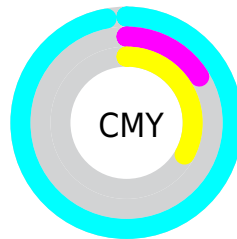
- Red (3%)
- Green (84%)
- Blue (67%)



- Red (3%)
- Yellow (48%)
- Blue (84%)



- Cyan (97%)
- Magenta (0%)
- Yellow (20%)
- Black (16%)

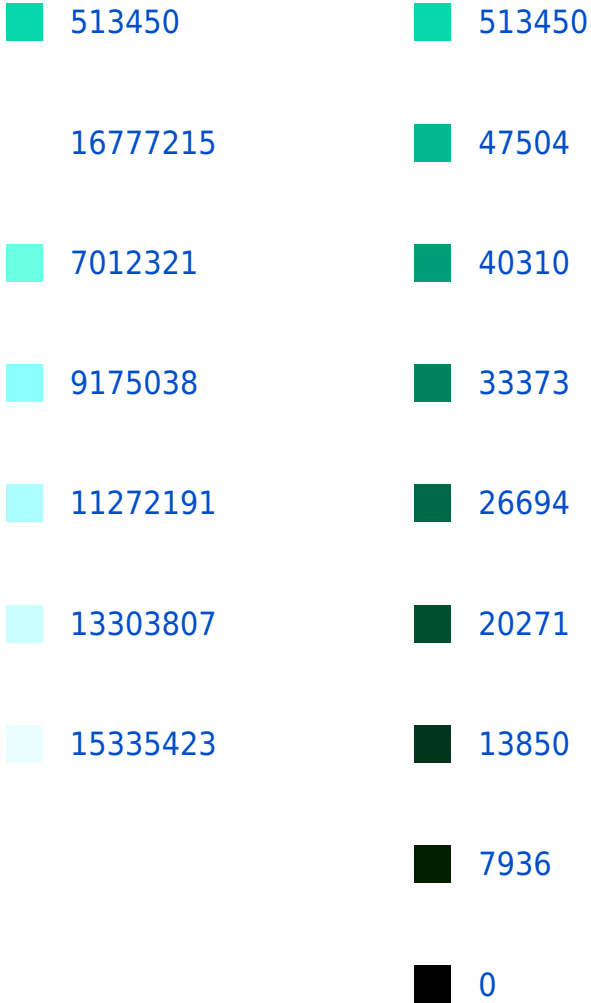


- Cyan (97%)
- Magenta (16%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 513450 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 513450 by changing the saturation by 10% instead.



513450

513450

■ 54697

■ 1889710

■ 3331507

■ 4707767

■ 6084028

■ 7525824

■ 8902085

■ 10278345

■ 11654606

■ 13096402

Harmonies

Analogous

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



8310650



513450



55006

Triad

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



513450



10925823



16753265

Complementary

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



513450



13961010

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.



16749724



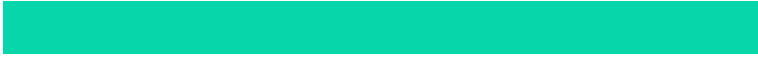
513450



15442685

Square

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



513450



2672639



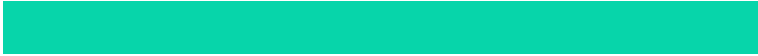
16749775



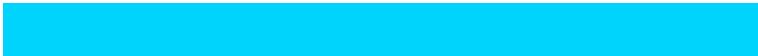
15250519

Rectangle

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



513450



54268



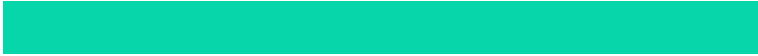
16749775



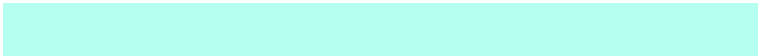
16751742

Sweetspot

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



513450



11927536



3462407



5472374



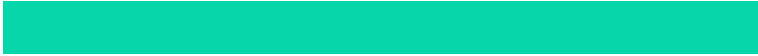
0



8421504

Same Dimension

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



513450



65482



498645



6318953



43911



11042

Inverse Universe

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



13961010



16711733



13975815



7037027



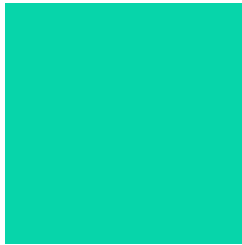
11206692



2818057

Previews

White Background



This preview shows how the Decimal color 513450 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 513450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

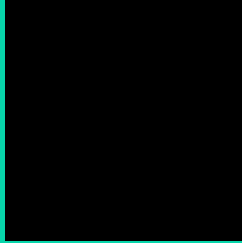
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

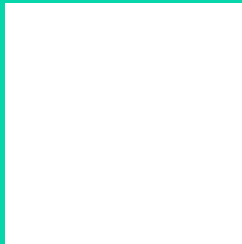
Any Text WCAG AAA ✓ Pass

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

Decimal 513450 Background



This preview shows how black text looks on a background with the Decimal color 513450.

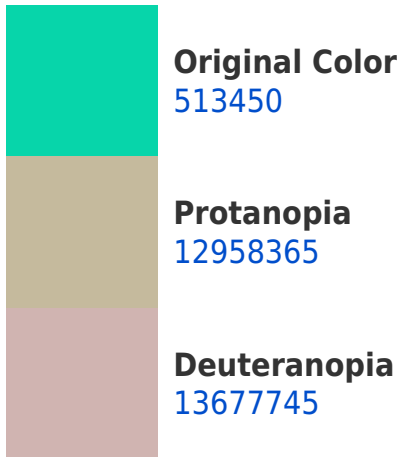



This preview shows how white text looks on a background with the Decimal color 513450.

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
4312799

Trichromacy



Original Color
513450



Protanomaly
8438946



Deuteranomaly
8896686



Tritanomaly
2937292

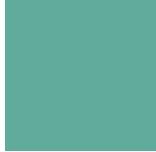
Monochromacy



Original Color
513450



Achromatopsia
9671571



Achromatomaly
6335387

CSS Examples

Text

The CSS property to change the color of the text to Decimal 513450 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 #07D5AA looks like.

```
.text, #text, p{  
    color:#07D5AA  
}
```

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 #07D5AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07D5AA
}
```

Border

The CSS property to change the border of an element to Decimal 513450 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
#07D5AA }
```

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

```
.border{ border-color:#07D5AA }
```

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

Here you see how a box with a 4 pixel #07D5AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07D5AA; -webkit-box-shadow:4px 4px  
4px 4px #07D5AA; box-shadow:4px 4px 4px  
4px #07D5AA }
```

Background

The CSS property to change the background color of an element to Decimal 513450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07D5AA }
```

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

```
.background{ background-color:#07D5AA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor