

Converting Colors

Decimal(429510)

Have a look what the booklet for
Decimal(429510) contains.

Decimal(429510)	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(429510)

Conversions

Conversions Part 1

Format	Color
Hex	068DC6
RGB	6, 141, 198
RGB Percent	2%, 55%, 78%
CMY	0.9765, 0.4471, 0.2235
CMYK	0.97, 0.29, 0.00, 0.22
HSL	198°, 94%, 40%
HSV	198°, 97%, 78%
XYZ	19.7930, 23.1657, 56.8543
YIQ	107.1330, -98.7570, -10.8930

Conversions

Conversions Part 2

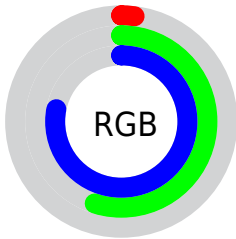
Format	Color
RYB	6, 85, 198
Decimal	429510
CIELab	55.24, -10.71, -38.22
CIELCh	55, 39.693, 254.340
Yxy	23.1657, 0.1983, 0.2321
Android (android.graphics.Color)	4278619590 (0xFF068DC6)
YUV	107.1330, 44.7974, -88.6936
Hunter-Lab	48.1307, -10.8234, -36.3446

Details

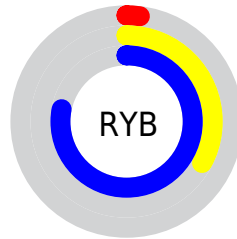
The Decimal color **429510** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **12992262**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **6537983**, and **23440** is the 20% darker color. If you saturate the color by 10%, you get **35782**, and if you desaturate by 10%, it is **1741766**.

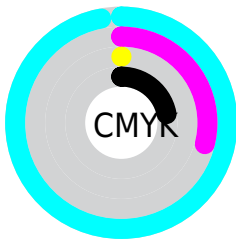
Distribution



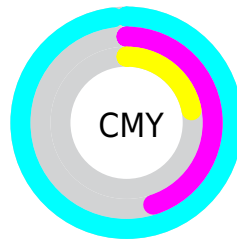
- Red (2%)
- Green (55%)
- Blue (78%)



- Red (2%)
- Yellow (33%)
- Blue (78%)



- Cyan (97%)
- Magenta (29%)
- Yellow (0%)
- Black (22%)

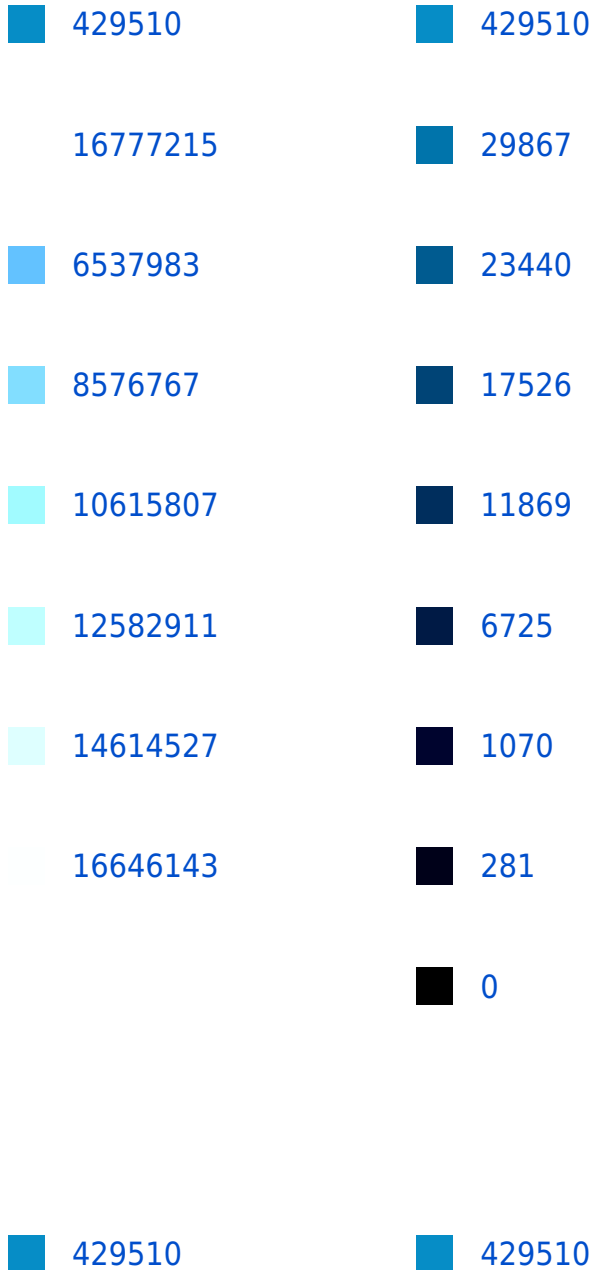


- Cyan (98%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 429510 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 429510 by changing the saturation by 10% instead.



■ 35782

■ 1741766

■ 3054022

■ 4300742

■ 5612998

■ 6924998

■ 8237254

■ 9549510

■ 10796230

■ 12108486

Harmonies

Analogous

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



38067



429510



6980295

Triad

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



429510



13002869



6525009

Complementary

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



429510



12992262

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.



9013311



429510



12480598

Square

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



429510



12282520



11041857



3052913

Rectangle

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



429510



9337277



11041857



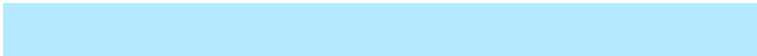
7376458

Sweetspot

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



429510



11921919



443964



5468800



0



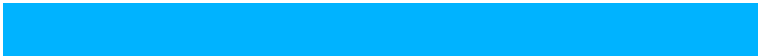
8421504

Same Dimension

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



429510



46079



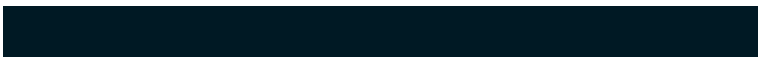
405702



5922915



29603



6436

Inverse Universe

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



12977805



16711859



13016070



6511200



10682483



2359321

Previews

White Background



This preview shows how the Decimal color 429510 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 429510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

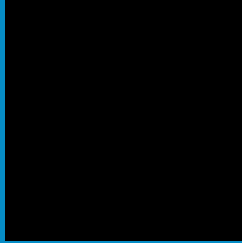
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 429510 Background



This preview shows how black text looks on a background with the Decimal color 429510.



This preview shows how white text looks on a background with the Decimal color 429510.

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](#).

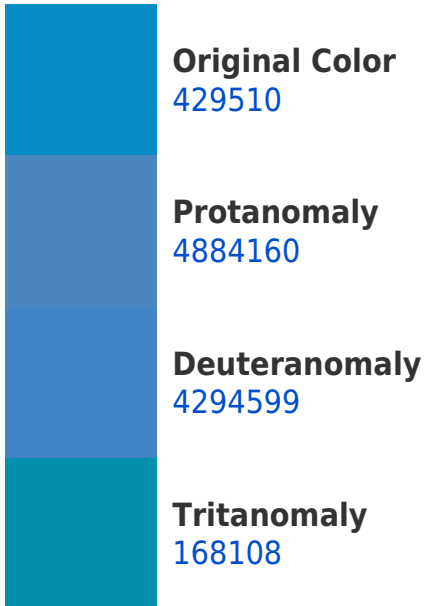
Dichromacy





Tritanopia
37533

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 429510 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 #068DC6 looks like.

```
.text, #text, p{  
    color:#068DC6  
}
```

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 #068DC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #068DC6
}
```

Border

The CSS property to change the border of an element to Decimal 429510 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
#068DC6 }
```

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

```
.border{ border-color:#068DC6 }
```

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

Here you see how a box with a 4 pixel #068DC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #068DC6; -webkit-box-shadow:4px 4px  
4px 4px #068DC6; box-shadow:4px 4px 4px  
4px #068DC6 }
```

Background

The CSS property to change the background color of an element to Decimal 429510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#068DC6 }
```

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

```
.background{ background-color:#068DC6 }
```

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