

# Converting Colors

Decimal(4430505)

Have a look what the booklet for  
Decimal(4430505) contains.

<b>Decimal(4430505)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(4430505)**

# Conversions

## Conversions Part 1

Format	Color
Hex	439AA9
RGB	67, 154, 169
RGB Percent	26%, 60%, 66%
CMY	0.7373, 0.3961, 0.3373
CMYK	0.60, 0.09, 0.00, 0.34
HSL	189°, 43%, 46%
HSV	189°, 60%, 66%
XYZ	21.0318, 27.1691, 41.6718
YIQ	129.6970, -56.6670, -13.7790

# Conversions

## Conversions Part 2

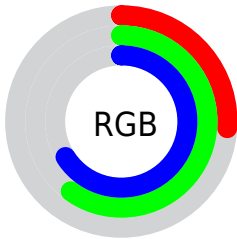
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 114, 169
Decimal	4430505
CIELab	59.13, -21.41, -15.67
CIElCh	59, 26.537, 216.199
Yxy	27.1691, 0.2340, 0.3023
Android (android.graphics.Color)	4282620585 (0xFF439AA9)
YUV	129.6970, 19.3764, -54.9853
Hunter-Lab	52.1240, -19.1930, -10.9141

# Details

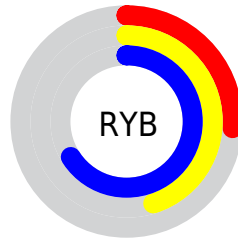
The Decimal color **4430505** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11096643**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **8245728**, and **26485** is the 20% darker color. If you saturate the color by 10%, you get **3315881**, and if you desaturate by 10%, it is **5545129**.

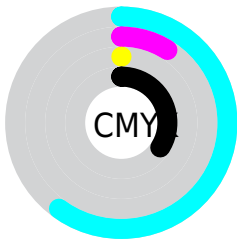
# Distribution



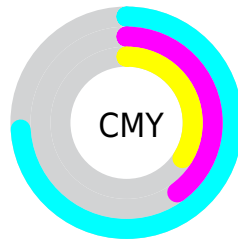
- Red (26%)
- Green (60%)
- Blue (66%)



- Red (26%)
- Yellow (45%)
- Blue (66%)



- Cyan (60%)
- Magenta (9%)
- Yellow (0%)
- Black (34%)



- Cyan (74%)
- Magenta (40%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4430505 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 4430505 by changing the saturation by 10% instead.



■ 4430505

■ 4430505

16777215

■ 2195599

■ 8245728

■ 26485

■ 10087933

■ 20060

■ 11993087

■ 14149

■ 13893631

■ 8750

■ 15859711

■ 282

■ 0

■ 4430505

■ 4430505

■ 3315881

■ 5545129

■ 2201001

■ 6660009

■ 1086377

■ 7774633

■ 37033

■ 8889513

■ 9938601

■ 11053481

■ 12168105

■ 13282985

■ 14397609

# Harmonies

## Analogous

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



5086099



4430505



5609144

# Triad

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



4430505



11567266



10128992

# Complementary

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



4430505



11096643

# 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.



11437924



4430505



12352906

# Square

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



4430505



9996212



12288116



8492392

# Rectangle

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



4430505



7049660



12288116



10587232



# Sweetspot

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



4430505



11851227



4434257



5663342



15592941



7237230



# Same Dimension

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



4430505



4048091



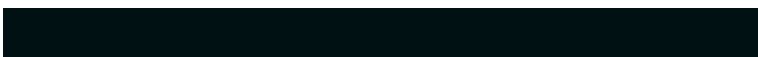
4417705



5002068



32404



4372



# Inverse Universe

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



11092890



14368196



11109443



5524563



9699454



1310737



# Previews

## White Background



This preview shows how the Decimal color 4430505 looks on a white background.

## Color Contrast Check

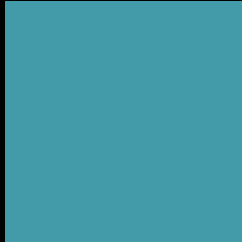
Large Text (above 18pt) WCAG AA ✓ Pass

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 4430505 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

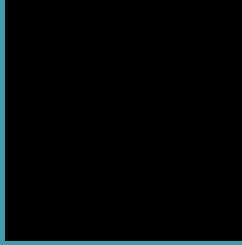
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 4430505 Background



This preview shows how black text looks on a background with the Decimal color 4430505.

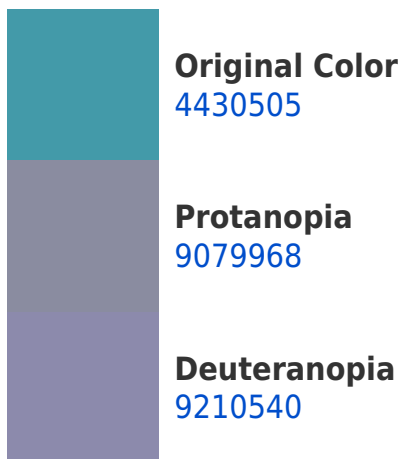


This preview shows how white text looks on a background with the Decimal color 4430505.

# 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](#).

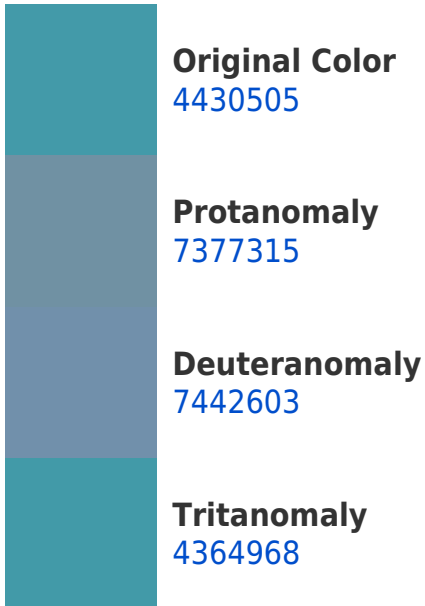
## Dichromacy





**Tritanopia**  
4364967

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4430505 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 #439AA9 looks like.

```
.text, #text, p{  
    color:#439AA9  
}
```

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 #439AA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #439AA9
}
```

## Border

The CSS property to change the border of an element to Decimal 4430505 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
#439AA9 }
```

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

```
.border{ border-color:#439AA9 }
```

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

Here you see how a box with a 4 pixel #439AA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #439AA9; -webkit-box-shadow:4px 4px  
4px 4px #439AA9; box-shadow:4px 4px 4px  
4px #439AA9 }
```

# Background

The CSS property to change the background color of an element to Decimal 4430505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#439AA9 }
```

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

```
.background{ background-color:#439AA9 }
```

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