

# Converting Colors

Decimal(4829384)

Have a look what the booklet for  
Decimal(4829384) contains.

<b>Decimal(4829384)</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(4829384)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49B0C8
RGB	73, 176, 200
RGB Percent	29%, 69%, 78%
CMY	0.7137, 0.3098, 0.2157
CMYK	0.64, 0.12, 0.00, 0.22
HSL	191°, 54%, 54%
HSV	191°, 64%, 78%
XYZ	28.6983, 36.6373, 60.2027
YIQ	147.9390, -69.0920, -14.3720

# Conversions

## Conversions Part 2

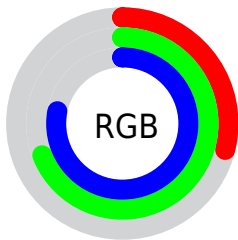
Format	Color
R <sub>YB</sub>	73, 130, 200
Decimal	4829384
CIE Lab	67.00, -22.34, -21.04
CIE LCh	67, 30.690, 223.287
Yxy	36.6373, 0.2286, 0.2918
Android (android.graphics.Color)	4283019464 (0xFF49B0C8)
YUV	147.9390, 25.6661, -65.7215
Hunter-Lab	60.5287, -21.2936, -16.6006

# Details

The Decimal color **4829384** is a light color, and the websafe version is hex **339999**. The color can be described as light muted azure. A complement of this color would be **13132105**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **8841471**, and **31634** is the 20% darker color. If you saturate the color by 10%, you get **3517640**, and if you desaturate by 10%, it is **6141128**.

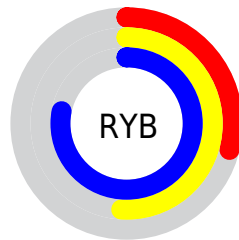
# Distribution



Red (29%)

Green (69%)

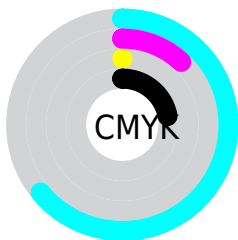
Blue (78%)



Red (29%)

Yellow (51%)

Blue (78%)

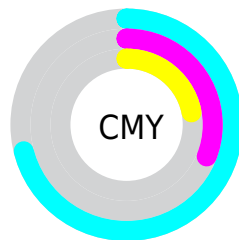


Cyan (64%)

Magenta (12%)

Yellow (0%)

Black (22%)



Cyan (71%)

Magenta (31%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4829384 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 4829384 by changing the saturation by 10% instead.





4829384



4829384

16777215



2397613



8841471



31634



10813439



25208



12713983



19039



14680063



13128



16646143



7985



540



0



4829384



4829384

■ 3517640

■ 6141128

■ 2205896

■ 7452872

■ 894408

■ 8764360

■ 41672

■ 10076104

■ 11387848

■ 12699592

■ 14011080

■ 15322824

■ 16634568

# Harmonies

## Analogous

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



5157551



4829384



6793943

# Triad

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



4829384



13668532



11183469

# Complementary

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



4829384



13132105

# 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.



12885103



4829384



14323352

# Square

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



4829384



11966667



13996926



9153914

# Rectangle

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



4829384



8627674



13996926



11772524

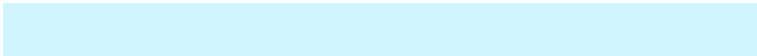


# Sweetspot

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



4829384



13629183



4835424



6453888



0



8421504



# Same Dimension

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



4829384



4053759



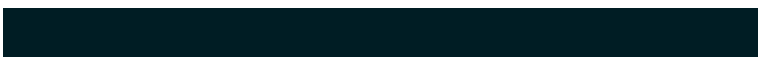
4813256



5923427



33955



7460



# Inverse Universe

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



13126064



16727514



13148233



6511202



10682500

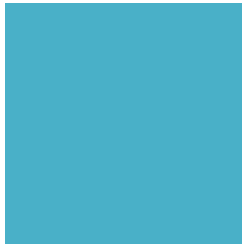


2359325



# Previews

## White Background



This preview shows how the Decimal color 4829384 looks on a white background.

## Color Contrast Check

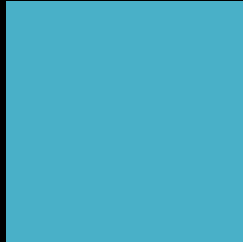
Large Text (above 18pt) WCAG AA × Fail

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 4829384 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 4829384 Background



This preview shows how black text looks on a background with the Decimal color 4829384.

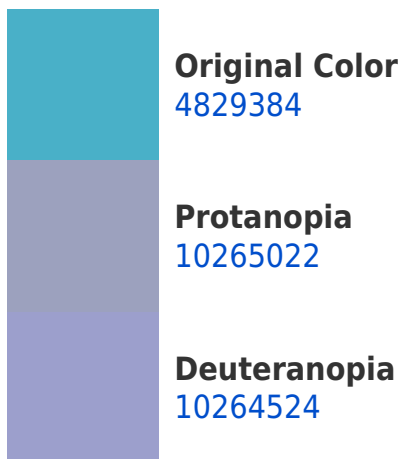


This preview shows how white text looks on a background with the Decimal color 4829384.

# 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**  
4567488

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4829384 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 #49B0C8 looks like.

```
.text, #text, p{  
    color:#49B0C8  
}
```

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 #49B0C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49B0C8
}
```

## Border

The CSS property to change the border of an element to Decimal 4829384 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
#49B0C8 }
```

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

```
.border{ border-color:#49B0C8 }
```

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

Here you see how a box with a 4 pixel #49B0C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49B0C8; -webkit-box-shadow:4px 4px  
4px 4px #49B0C8; box-shadow:4px 4px 4px  
4px #49B0C8 }
```

# Background

The CSS property to change the background color of an element to Decimal 4829384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49B0C8 }
```

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

```
.background{ background-color:#49B0C8 }
```

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