

# Converting Colors

Decimal(4966876)

Have a look what the booklet for  
Decimal(4966876) contains.

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# **Color**

**Decimal(4966876)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BC9DC
RGB	75, 201, 220
RGB Percent	29%, 79%, 86%
CMY	0.7059, 0.2118, 0.1373
CMYK	0.66, 0.09, 0.00, 0.14
HSL	188°, 67%, 58%
HSV	188°, 66%, 86%
XYZ	36.7066, 48.4365, 75.1247
YIQ	165.4920, -81.1950, -20.8030

# Conversions

## Conversions Part 2

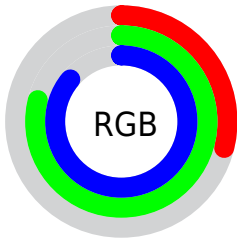
Format	Color
<a href="#">RYB</a>	<a href="#">75, 142, 220</a>
Decimal	<a href="#">4966876</a>
CIELab	<a href="#">75.10, -28.55, -19.66</a>
CIELCh	<a href="#">75, 34.668, 214.547</a>
Yxy	<a href="#">48.4365, 0.2290, 0.3022</a>
Android (android.graphics.Color)	<a href="#">4283156956 (0xFF4BC9DC)</a>
YUV	<a href="#">165.4920, 26.8724, -79.3615</a>
Hunter-Lab	<a href="#">69.5963, -27.6488, -15.2823</a>

# Details

The Decimal color **4966876** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **14442059**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **9240575**, and **37797** is the 20% darker color. If you saturate the color by 10%, you get **3524316**, and if you desaturate by 10%, it is **6409436**.

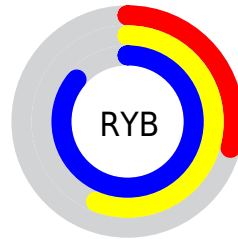
# Distribution



Red (29%)

Green (79%)

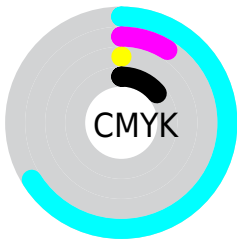
Blue (86%)



Red (29%)

Yellow (56%)

Blue (86%)

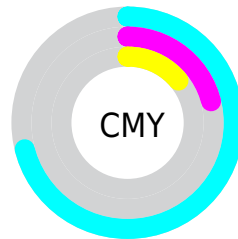


Cyan (66%)

Magenta (9%)

Yellow (0%)

Black (14%)



Cyan (71%)

Magenta (21%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4966876 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 4966876 by changing the saturation by 10% instead.



■ 4966876

■ 4966876

16777215

■ 2141632

■ 9240575

■ 37797

■ 11206655

■ 31115

■ 13172735

■ 24433

■ 15204351

■ 18265

■ 12353

■ 7211

■ 278

■ 0

■ 4966876

■ 4966876

■ 3524316

■ 6409436

■ 2081756

■ 7851996

■ 639196

■ 9294556

■ 49116

■ 10737116

■ 12179420

■ 13621980

■ 15064540

■ 16507100

■ 16770012

# Harmonies

## Analogous

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



6146749



4966876



6669554

# Triad

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



4966876



15115733



13285497

# Complementary

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



4966876



14442059

# 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.



15117952



4966876



16228789

# Square

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



4966876



12824558



16163990



11059843

# Rectangle

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



4966876



8765176



16163990



13940089

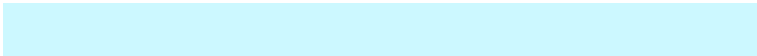


# Sweetspot

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



4966876



13433087



4971612



6388608



0



8421504

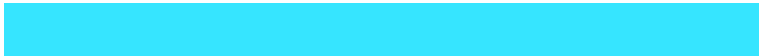


# Same Dimension

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



4966876



3597823



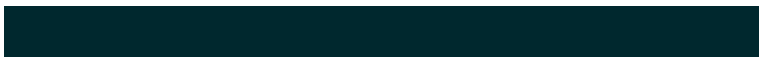
4948956



6515822



38829



10286



# Inverse Universe

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



14437321



16725733



14459979



7234412



11337879

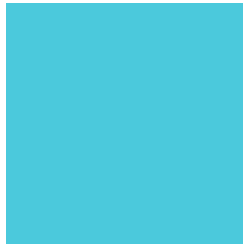


3014696



# Previews

## White Background



This preview shows how the Decimal color 4966876 looks on a white background.

## Color Contrast Check

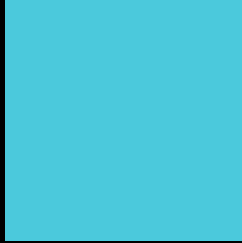
Large Text (above 18pt) WCAG AA × Fail

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 4966876 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

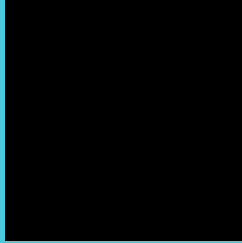
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 4966876 Background



This preview shows how black text looks on a background with the Decimal color 4966876.

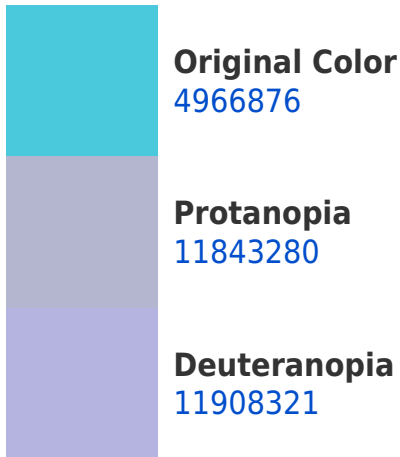


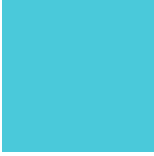
This preview shows how white text looks on a background with the Decimal color 4966876.

# 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**  
4901338

# Trichromacy



**Original Color**  
4966876



**Protanomaly**  
9354708



**Deuteranomaly**  
9354463

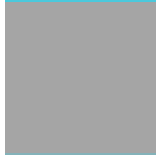


**Tritanomaly**  
4901339

# Monochromacy



**Original Color**  
4966876



**Achromatopsia**  
10855845



**Achromatomaly**  
8696505

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4966876 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 #4BC9DC looks like.

```
.text, #text, p{  
    color:#4BC9DC  
}
```

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 #4BC9DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BC9DC
}
```

## Border

The CSS property to change the border of an element to Decimal 4966876 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
#4BC9DC }
```

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

```
.border{ border-color:#4BC9DC }
```

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

Here you see how a box with a 4 pixel #4BC9DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BC9DC; -webkit-box-shadow:4px 4px  
4px 4px #4BC9DC; box-shadow:4px 4px 4px  
4px #4BC9DC }
```

# Background

The CSS property to change the background color of an element to Decimal 4966876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BC9DC }
```

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

```
.background{ background-color:#4BC9DC }
```

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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