

Converting Colors

Decimal(4180970)

Have a look what the booklet for
Decimal(4180970) contains.

Decimal(4180970)	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(4180970)

Conversions

Conversions Part 1

Format	Color
Hex	3FCBEA
RGB	63, 203, 234
RGB Percent	25%, 80%, 92%
CMY	0.7529, 0.2039, 0.0824
CMYK	0.73, 0.13, 0.00, 0.08
HSL	191°, 80%, 58%
HSV	191°, 73%, 92%
XYZ	38.2571, 49.7091, 85.4204
YIQ	164.6740, -93.3910, -20.0390

Conversions

Conversions Part 2

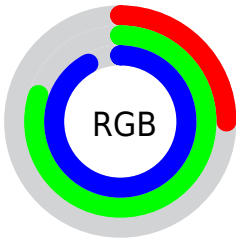
Format	Color
R _{YB}	63, 140, 234
Decimal	4180970
CIE _{Lab}	75.89, -26.91, -26.03
CIE _{LCh}	76, 37.435, 224.046
Yxy	49.7091, 0.2206, 0.2867
Android (android.graphics.Color)	4282371050 (0xFF3FCBEA)
YUV	164.6740, 34.1777, -89.1681
Hunter-Lab	70.5047, -26.5260, -22.4798

Details

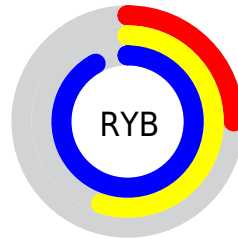
The Decimal color **4180970** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **15359551**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **8781823**, and **38322** is the 20% darker color. If you saturate the color by 10%, you get **2672618**, and if you desaturate by 10%, it is **5689322**.

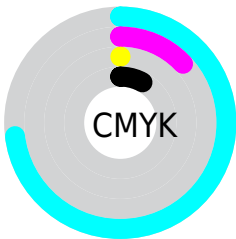
Distribution



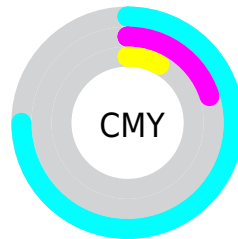
- Red (25%)
- Green (80%)
- Blue (92%)



- Red (25%)
- Yellow (55%)
- Blue (92%)



- Cyan (73%)
- Magenta (13%)
- Yellow (0%)
- Black (8%)



















- Cyan (75%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4180970 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 4180970 by changing the saturation by 10% instead.

 4180970	 4180970
 16777215	 45006
 8781823	 38322
 10878975	 31639
 12910591	 24957
 14942207	 18788
	 12876
	 7989
	 544
	 4

■ 4180970

■ 4180970

■ 2672618

■ 5689322

■ 1098730

■ 7263210

■ 49386

■ 8771818

■ 10345706

■ 11854058

■ 13362410

■ 14936554

■ 16444906

■ 16773610

Harmonies

Analogous

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



4771531



4180970



7193853

Triad

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



4180970



15967183



12762743

Complementary

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



4180970



15359551

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.



14922617



4180970



16753068

Square

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



4180970



13937901



16361357



10274696

Rectangle

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



4180970



9616895



16361357



13548150

Sweetspot

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



4180970



13104639



4188764



6191488



0



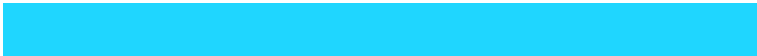
8421504

Same Dimension

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



4180970



2086655



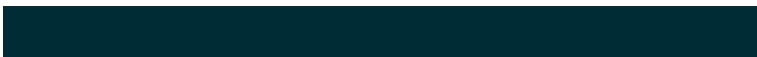
4159722



6976373



38069



11318

Inverse Universe

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



15351755



16719830



15380799



7694963



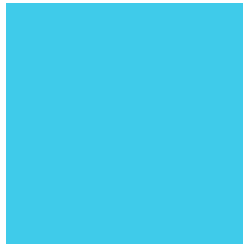
11862164



3538988

Previews

White Background



This preview shows how the Decimal color 4180970 looks on a white background.

Color Contrast Check

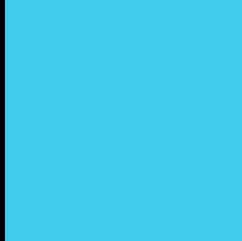
Large Text (above 18pt) WCAG AA × Fail

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 4180970 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 4180970 Background



This preview shows how black text looks on a background with the Decimal color 4180970.

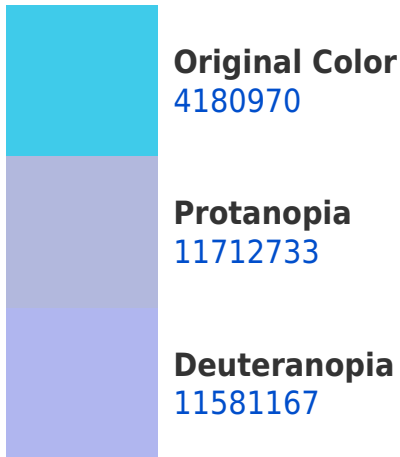


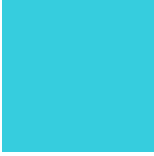
This preview shows how white text looks on a background with the Decimal color 4180970.

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](#).

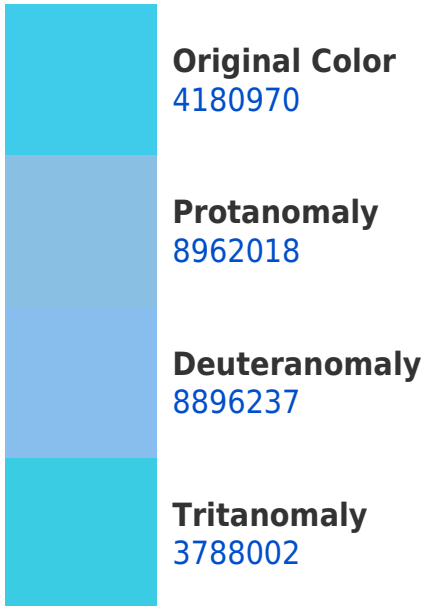
Dichromacy





Tritanopia
3591646

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4180970 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 #3FCBEA looks like.

```
.text, #text, p{  
    color:#3FCBEA  
}
```

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 #3FCBEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FCBEA
}
```

Border

The CSS property to change the border of an element to Decimal 4180970 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
#3FCBEA }
```

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

```
.border{ border-color:#3FCBEA }
```

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

Here you see how a box with a 4 pixel #3FCBEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FCBEA; -webkit-box-shadow:4px 4px  
4px 4px #3FCBEA; box-shadow:4px 4px 4px  
4px #3FCBEA }
```

Background

The CSS property to change the background color of an element to Decimal 4180970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FCBEA }
```

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

```
.background{ background-color:#3FCBEA }
```

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