

Converting Colors

Decimal(4774614)

Have a look what the booklet for
Decimal(4774614) contains.

Decimal(4774614)	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(4774614)

Conversions

Conversions Part 1

Format	Color
Hex	48DAD6
RGB	72, 218, 214
RGB Percent	28%, 85%, 84%
CMY	0.7176, 0.1451, 0.1608
CMYK	0.67, 0.00, 0.02, 0.15
HSL	178°, 66%, 57%
HSV	178°, 67%, 85%
XYZ	39.8815, 56.3756, 72.3979
YIQ	173.8900, -85.7320, -32.1960

Conversions

Conversions Part 2

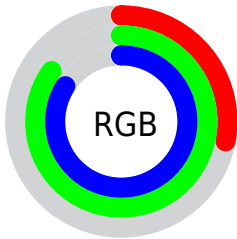
Format	Color
RYB	72, 146, 218
Decimal	4774614
CIELab	79.83, -38.72, -9.34
CIELCh	80, 39.835, 193.566
Yxy	56.3756, 0.2365, 0.3343
Android (android.graphics.Color)	4282964694 (0xFF48DAD6)
YUV	173.8900, 19.7742, -89.3575
Hunter-Lab	75.0837, -36.5842, -4.6106

Details

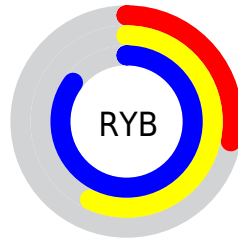
The Decimal color **4774614** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **14305356**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **9175039**, and **41631** is the 20% darker color. If you saturate the color by 10%, you get **3332821**, and if you desaturate by 10%, it is **6216407**.

Distribution



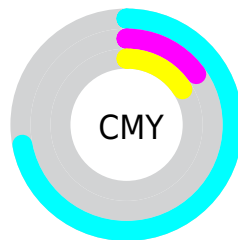
- Red (28%)
- Green (85%)
- Blue (84%)



- Red (28%)
- Yellow (57%)
- Blue (85%)



- Cyan (67%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)

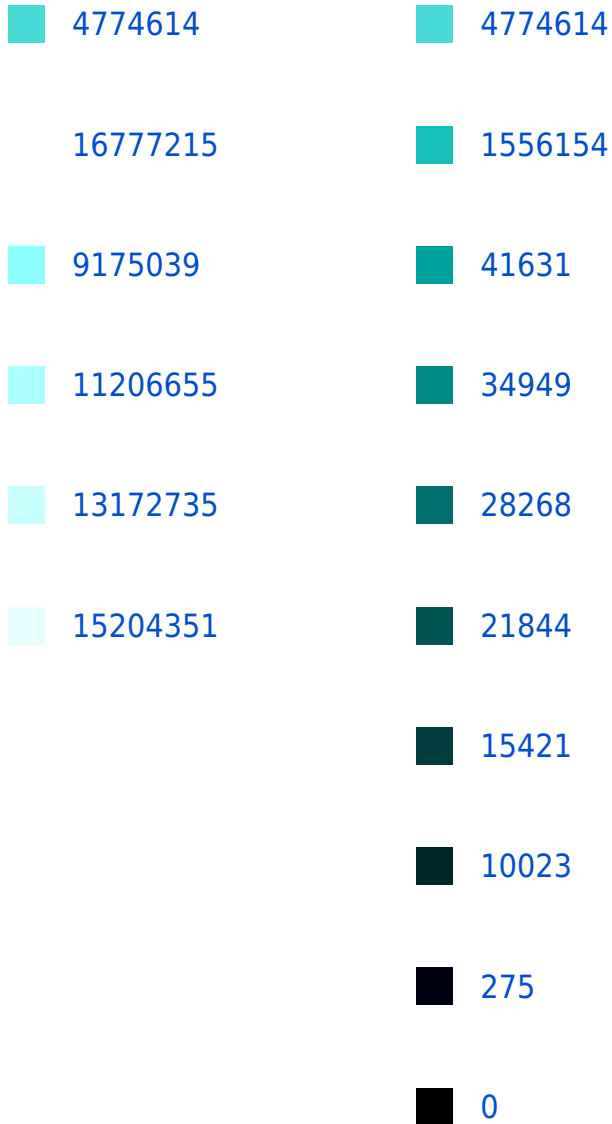


- Cyan (72%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4774614 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 4774614 by changing the saturation by 10% instead.



4774614

4774614

3332821

6216407

1891029

7658199

514772

9034456

56020

10476248

11918041

13359834

14801626

16177883

16767707

Harmonies

Analogous

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



7854256



4774614



3987448

Triad

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



4774614



14726908



15842687

Complementary

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



4774614



14305356

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.



16756884



4774614



16755932

Square

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



4774614



11322623



16755382



13551997

Rectangle

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



4774614



6018047



16755382



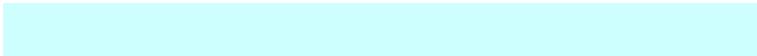
16431236

Sweetspot

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



4774614



13434878



5102152



6389887



0



8421504

Same Dimension

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



4774614



3407865



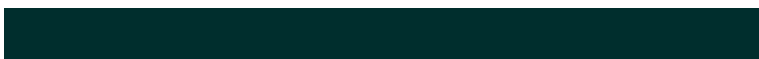
4757210



6516333



44457



11821

Inverse Universe

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



14305356



16724793



14322760



7234403



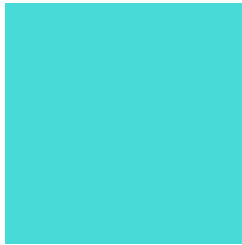
11337733



3014657

Previews

White Background



This preview shows how the Decimal color 4774614 looks on a white background.

Color Contrast Check

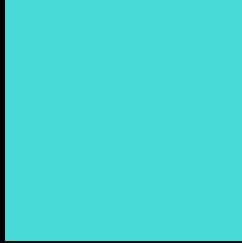
Large Text (above 18pt) WCAG AA × Fail

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 4774614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

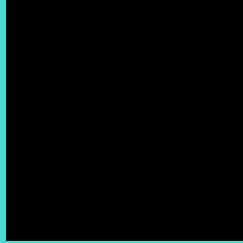
Any Text WCAG AA ✓ Pass

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 4774614 Background



This preview shows how black text looks on a background with the Decimal color 4774614.

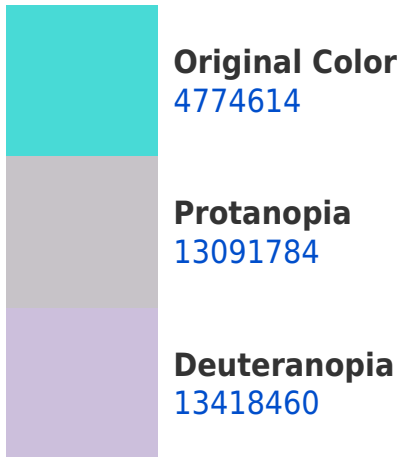


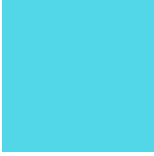
This preview shows how white text looks on a background with the Decimal color 4774614.

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](#).

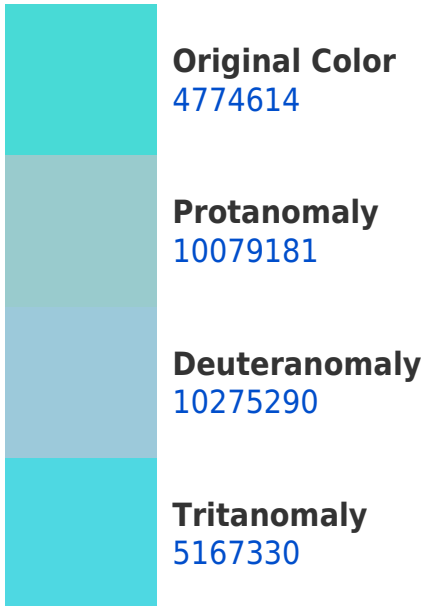
Dichromacy



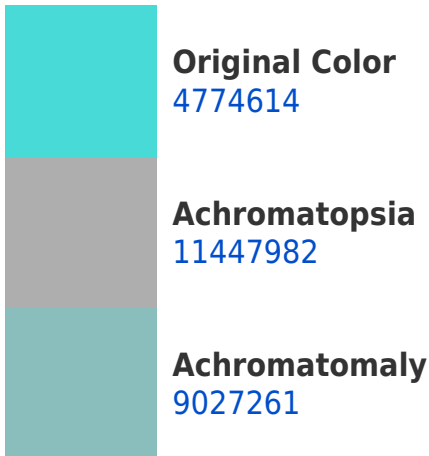


Tritanopia
5429225

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4774614 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 #48DAD6 looks like.

```
.text, #text, p{  
    color:#48DAD6  
}
```

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 #48DAD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48DAD6  
}
```

Border

The CSS property to change the border of an element to Decimal 4774614 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  
#48DAD6 }
```

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

```
.border{ border-color:#48DAD6 }
```

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

Here you see how a box with a 4 pixel #48DAD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48DAD6; -webkit-box-shadow:4px 4px  
4px 4px #48DAD6; box-shadow:4px 4px 4px  
4px #48DAD6 }
```

Background

The CSS property to change the background color of an element to Decimal 4774614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48DAD6 }
```

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

```
.background{ background-color:#48DAD6 }
```

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