

# Converting Colors

Decimal(4974524)

Have a look what the booklet for  
Decimal(4974524) contains.

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# **Color**

**Decimal(4974524)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BE7BC
RGB	75, 231, 188
RGB Percent	29%, 91%, 74%
CMY	0.7059, 0.0941, 0.2627
CMYK	0.68, 0.00, 0.19, 0.09
HSL	163°, 76%, 60%
HSV	163°, 68%, 91%
XYZ	40.5547, 62.2785, 57.4605
YIQ	179.4540, -79.1730, -46.4450

# Conversions

## Conversions Part 2

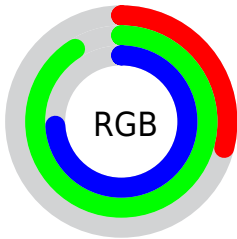
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 165, 231
Decimal	4974524
CIELab	83.06, -50.57, 9.17
CIELCh	83, 51.395, 169.718
Yxy	62.2785, 0.2530, 0.3885
Android (android.graphics.Color)	4283164604 (0xFF4BE7BC)
YUV	179.4540, 4.2132, -91.6062
Hunter-Lab	78.9167, -46.3746, 12.0718

# Details

The Decimal color **4974524** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **15158134**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **9306100**, and **44679** is the 20% darker color. If you saturate the color by 10%, you get **3467190**, and if you desaturate by 10%, it is **6481858**.

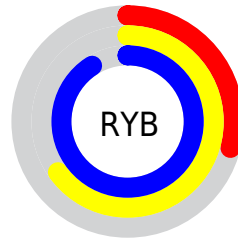
# Distribution



Red (29%)

Green (91%)

Blue (74%)



Red (29%)

Yellow (65%)

Blue (91%)

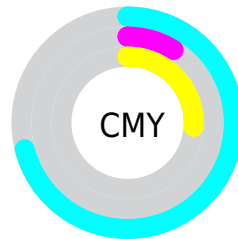


Cyan (68%)

Magenta (0%)

Yellow (19%)

Black (9%)



Cyan (71%)

Magenta (9%)

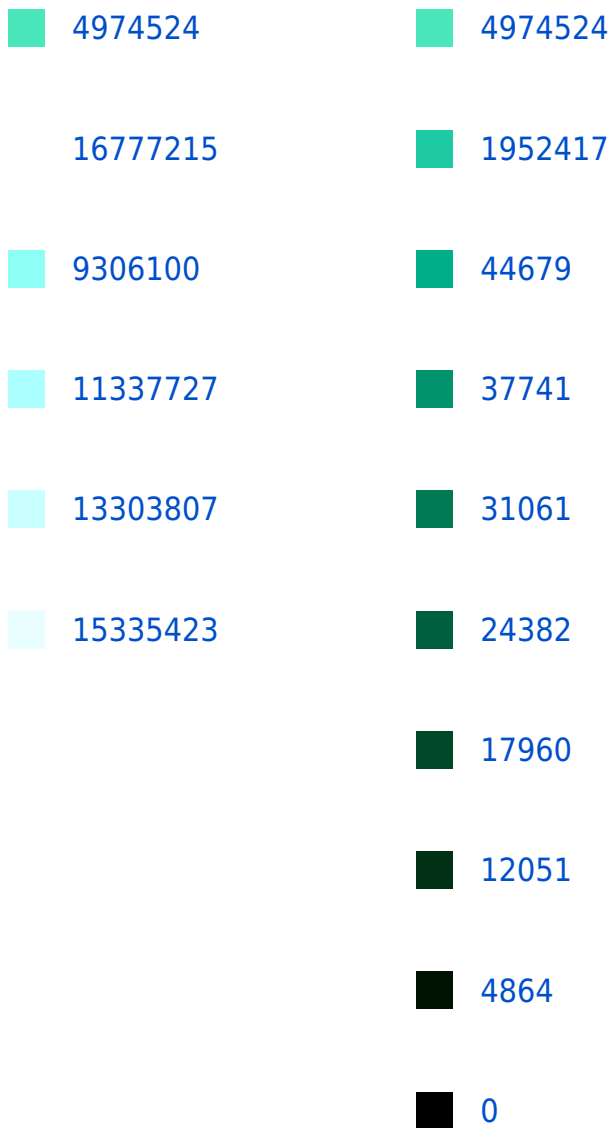
Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4974524 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 4974524 by changing the saturation by 10% instead.





 4974524

 4974524

 3467190

 6481858

 1959855

 7989193

 452521

 9496527

 59303

 11003861

 12576732

 14084066

 15591401

 16771055

 16771061

# Harmonies

## Analogous

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



9888142



4974524



59630

# Triad

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



4974524



12241407



16758151

# Complementary

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



4974524



15158134

# 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.



16755121



4974524



16496383

# Square

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



4974524



6019583



16755170



16565871

# Rectangle

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



4974524



58879



16755170



16756883

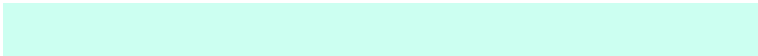


# Sweetspot

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



4974524



13434865



7857995



6389879



0



8421504



# Same Dimension

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



4974524



3211206



4965863



6779760



45953



13093



# Inverse Universe

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



15158134



16724073



15166795



7563114



11730993

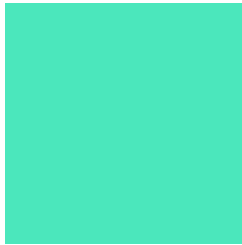


3342350



# Previews

## White Background



This preview shows how the Decimal color 4974524 looks on a white background.

## Color Contrast Check

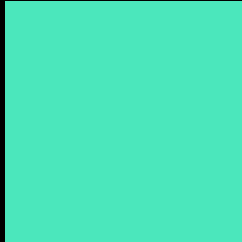
Large Text (above 18pt) WCAG AA × Fail

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 4974524 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

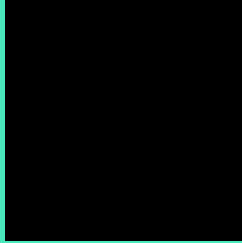
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

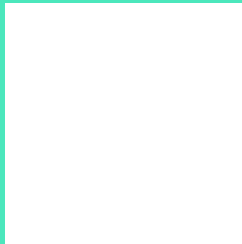
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4974524 Background



This preview shows how black text looks on a background with the Decimal color 4974524.

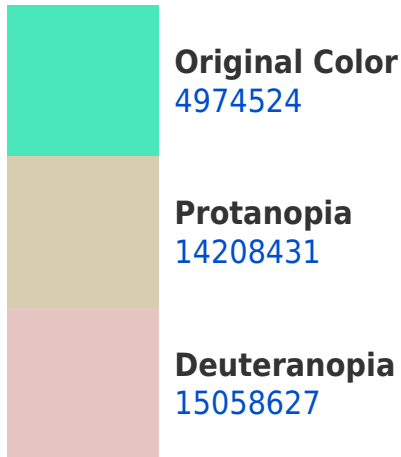


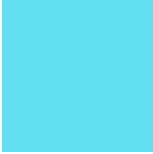
This preview shows how white text looks on a background with the Decimal color 4974524.

# 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**  
6480114

# Trichromacy



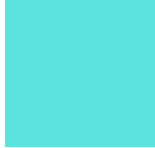
**Original Color**  
4974524



**Protanomaly**  
10868404



**Deuteranomaly**  
11391680



**Tritanomaly**  
5956574

# Monochromacy



**Original Color**  
4974524



**Achromatopsia**  
11776947



**Achromatomaly**  
9291446

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4974524 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 #4BE7BC looks like.

```
.text, #text, p{  
    color:#4BE7BC  
}
```

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 #4BE7BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BE7BC
}
```

## Border

The CSS property to change the border of an element to Decimal 4974524 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
#4BE7BC }
```

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

```
.border{ border-color:#4BE7BC }
```

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

Here you see how a box with a 4 pixel #4BE7BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BE7BC; -webkit-box-shadow:4px 4px  
4px 4px #4BE7BC; box-shadow:4px 4px 4px  
4px #4BE7BC }
```

# Background

The CSS property to change the background color of an element to Decimal 4974524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BE7BC }
```

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

```
.background{ background-color:#4BE7BC }
```

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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