

# Converting Colors

Decimal(4711409)

Have a look what the booklet for  
Decimal(4711409) contains.

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# Color

**Decimal(4711409)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47E3F1
RGB	71, 227, 241
RGB Percent	28%, 89%, 95%
CMY	0.7216, 0.1098, 0.0549
CMYK	0.71, 0.06, 0.00, 0.05
HSL	185°, 86%, 61%
HSV	185°, 71%, 95%
XYZ	45.9448, 62.6286, 92.8861
YIQ	181.9520, -97.4700, -28.7180

# Conversions

## Conversions Part 2

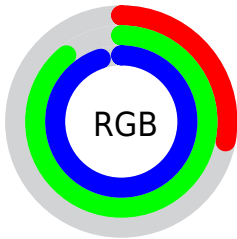
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 152, 241
Decimal	4711409
CIE <sub>Lab</sub>	83.25, -35.38, -18.57
CIE <sub>LCh</sub>	83, 39.957, 207.690
Yxy	62.6286, 0.2281, 0.3109
Android (android.graphics.Color)	4282901489 (0xFF47E3F1)
YUV	181.9520, 29.1107, -97.3049
Hunter-Lab	79.1383, -34.8613, -14.1930

# Details

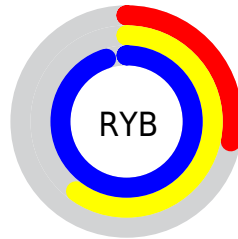
The Decimal color **4711409** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **15816007**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **9306111**, and **43961** is the 20% darker color. If you saturate the color by 10%, you get **3138033**, and if you desaturate by 10%, it is **6284785**.

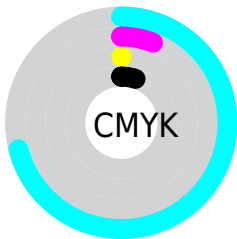
# Distribution



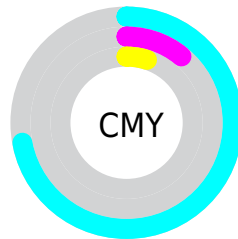
- Red (28%)
- Green (89%)
- Blue (95%)



- Red (28%)
- Yellow (60%)
- Blue (95%)



- Cyan (71%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (72%)
- Magenta (11%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4711409 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 4711409 by changing the saturation by 10% instead.



 4711409

 4711409

16777215

 509909

 9306111

 43961

 11403263

 37022


 13434879

 30340

 15532031

 23915

 17490

 11835

 5414

 272

■ 4711409

■ 4711409

■ 3138033

■ 6284785

■ 1564657

■ 7858161

■ 56817

■ 9431537

■ 11004913

■ 12643825

■ 14217201

■ 15790577

■ 16774129

■ 16774641

# Harmonies

## Analogous

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



7005387



4711409



6086399

# Triad

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



4711409



16562936



15518852

# Complementary

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



4711409



15816007

# 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.



16760721



4711409



16757716

# Square

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



4711409



13682687



16758190



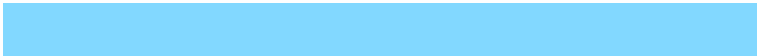
12966028

# Rectangle

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



4711409



8575231



16758190



16238726



# Sweetspot

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



4711409



13237247



4714834



6323584



0



8421504

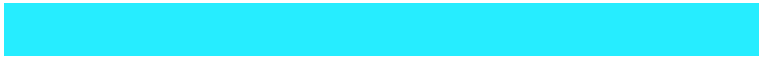


# Same Dimension

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



4711409



2551295



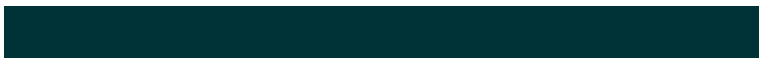
4690417



7108472



43192



13112



# Inverse Universe

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



15812579



16721645



15836999



7892087



12058792

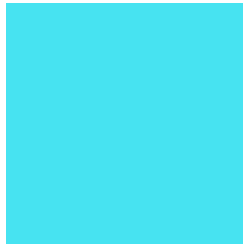


3670067



# Previews

## White Background



This preview shows how the Decimal color 4711409 looks on a white background.

## Color Contrast Check

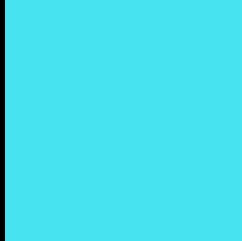
Large Text (above 18pt) WCAG AA × Fail

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 4711409 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

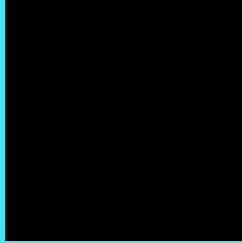
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 4711409 Background



This preview shows how black text looks on a background with the Decimal color 4711409.



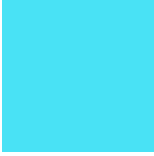
This preview shows how white text looks on a background with the Decimal color 4711409.

# 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](#).

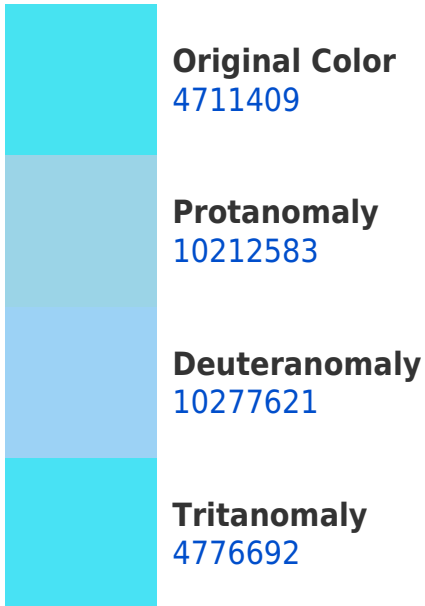
## Dichromacy





**Tritanopia**  
4842229

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4711409 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 #47E3F1 looks like.

```
.text, #text, p{  
    color:#47E3F1  
}
```

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 #47E3F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47E3F1
}
```

## Border

The CSS property to change the border of an element to Decimal 4711409 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
#47E3F1 }
```

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

```
.border{ border-color:#47E3F1 }
```

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

Here you see how a box with a 4 pixel #47E3F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47E3F1; -webkit-box-shadow:4px 4px  
4px 4px #47E3F1; box-shadow:4px 4px 4px  
4px #47E3F1 }
```

# Background

The CSS property to change the background color of an element to Decimal 4711409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47E3F1 }
```

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

```
.background{ background-color:#47E3F1 }
```

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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