

# Converting Colors

Decimal(4699131)

Have a look what the booklet for  
Decimal(4699131) contains.

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# **Color**

**Decimal(4699131)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	47B3FB
RGB	71, 179, 251
RGB Percent	28%, 70%, 98%
CMY	0.7216, 0.2980, 0.0157
CMYK	0.72, 0.29, 0.00, 0.02
HSL	204°, 96%, 63%
HSV	204°, 72%, 98%
XYZ	36.1312, 40.5448, 97.1884
YIQ	154.9160, -87.4800, -0.5040

# Conversions

## Conversions Part 2

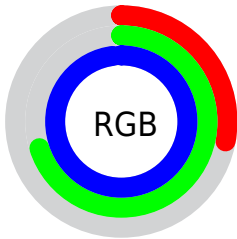
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 139, 251
Decimal	4699131
CIE <sub>Lab</sub>	69.86, -7.87, -44.54
CIE <sub>LCh</sub>	70, 45.229, 259.985
Yxy	40.5448, 0.2078, 0.2332
Android (android.graphics.Color)	4282889211 (0xFF47B3FB)
YUV	154.9160, 47.3694, -73.5943
Hunter-Lab	63.6748, -10.1441, -45.9234

# Details

The Decimal color **4699131** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **16486215**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **9169919**, and **32706** is the 20% darker color. If you saturate the color by 10%, you get **3058171**, and if you desaturate by 10%, it is **6340091**.

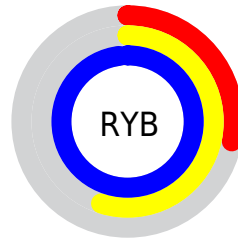
# Distribution



Red (28%)

Green (70%)

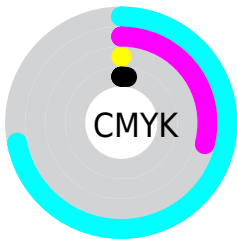
Blue (98%)



Red (28%)

Yellow (55%)

Blue (98%)

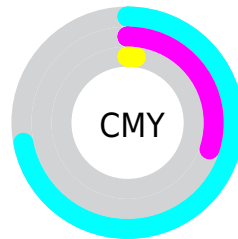


Cyan (72%)

Magenta (29%)

Yellow (0%)

Black (2%)



Cyan (72%)

Magenta (30%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4699131 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 4699131 by changing the saturation by 10% instead.



■ 4699131

■ 4699131

16777215

■ 1087710

■ 9169919

■ 32706

■ 11272191

■ 26279

■ 13303807

■ 20108

■ 15335423

■ 14450

■ 9049

■ 1857

■ 810

■ 277

■ 4699131

■ 4699131

■ 3058171

■ 6340091

■ 1417211

■ 7981051

■ 38907

■ 9622011

■ 11262971

■ 12903931

■ 14610427

■ 16251387

■ 16777211

# Harmonies

## Analogous

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



48361



4699131



10069496

# Triad

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



4699131



16354193



7977588

# Complementary

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



4699131



16486215

# 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.



11120987



4699131



15570285

# Square

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



4699131



15829946



13673561



3719067

# Rectangle

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



4699131



12622826



13673561



9091178

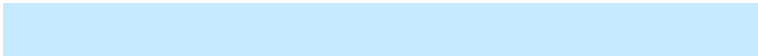


# Sweetspot

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



4699131



13101567



4717455



6189696



0



8421504



# Same Dimension

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



4699131



2402303



4676091



7370877



29117



9533



# Inverse Universe

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



16467891



16721063



16509255



8220792



12386417



3997733



# Previews

## White Background



This preview shows how the Decimal color 4699131 looks on a white background.

## Color Contrast Check

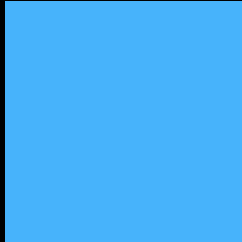
Large Text (above 18pt) WCAG AA × Fail

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 4699131 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

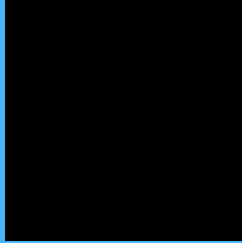
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

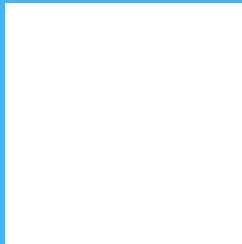
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4699131 Background



This preview shows how black text looks on a background with the Decimal color 4699131.



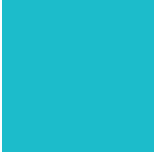
This preview shows how white text looks on a background with the Decimal color 4699131.

# 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**  
1883339

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4699131 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 #47B3FB looks like.

```
.text, #text, p{  
    color:#47B3FB  
}
```

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 #47B3FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47B3FB
}
```

## Border

The CSS property to change the border of an element to Decimal 4699131 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
#47B3FB }
```

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

```
.border{ border-color:#47B3FB }
```

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

Here you see how a box with a 4 pixel #47B3FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47B3FB; -webkit-box-shadow:4px 4px  
4px 4px #47B3FB; box-shadow:4px 4px 4px  
4px #47B3FB }
```

# Background

The CSS property to change the background color of an element to Decimal 4699131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47B3FB }
```

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

```
.background{ background-color:#47B3FB }
```

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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