

# Converting Colors

Decimal(4175100)

Have a look what the booklet for  
Decimal(4175100) contains.

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# **Color**

**Decimal(4175100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FB4FC
RGB	63, 180, 252
RGB Percent	25%, 71%, 99%
CMY	0.7529, 0.2941, 0.0118
CMYK	0.75, 0.29, 0.00, 0.01
HSL	203°, 97%, 62%
HSV	203°, 75%, 99%
XYZ	35.9418, 40.7276, 98.0623
YIQ	153.2250, -92.8440, -2.4120

# Conversions

## Conversions Part 2

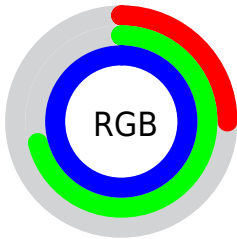
Format	Color
R <sub>YB</sub>	63, 135, 252
Decimal	4175100
CIE Lab	69.98, -9.05, -44.89
CIE LCh	70, 45.797, 258.597
Yxy	40.7276, 0.2057, 0.2331
Android (android.graphics.Color)	4282365180 (0xFF3FB4FC)
YUV	153.2250, 48.6961, -79.1273
Hunter-Lab	63.8181, -11.1520, -46.4317

# Details

The Decimal color **4175100** 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 **16549695**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **8842495**, and **32707** is the 20% darker color. If you saturate the color by 10%, you get **2534140**, and if you desaturate by 10%, it is **5816060**.

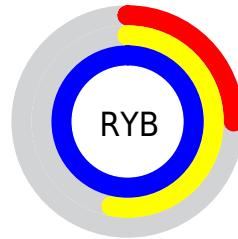
# Distribution



Red (25%)

Green (71%)

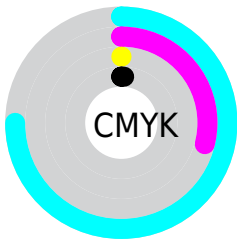
Blue (99%)



Red (25%)

Yellow (53%)

Blue (99%)

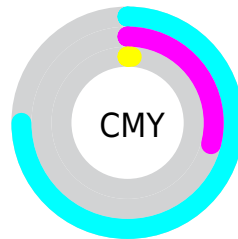


Cyan (75%)

Magenta (29%)

Yellow (0%)

Black (1%)



Cyan (75%)

Magenta (29%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4175100 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 4175100 by changing the saturation by 10% instead.



 4175100

 4175100

16777215

 39391

 8842495

 32707

 10944511

 26536

 12976127

 20365

 15073279

 14451

 9050

 1858

 811

 277

■ 4175100

■ 4175100

■ 2534140

■ 5816060

■ 893436

■ 7456764

■ 40188

■ 9163260

■ 10803964

■ 12444924

■ 14085884

■ 15726588

16777212

# Harmonies

## Analogous

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



48616



4175100



9873146

# Triad

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



4175100



16485011



8108658

# Complementary

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



4175100



16549695

# 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.



11252058



4175100



15701102

# Square

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



4175100



15829949



13804377



3850393

# Rectangle

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



4175100



12557548



13804377



9222248

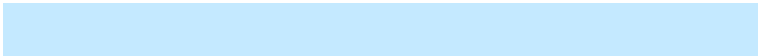


# Sweetspot

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



4175100



12904959



4193412



6058624



0



8421504

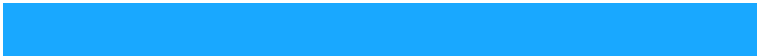


# Same Dimension

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



4175100



1681663



4151548



7370877



30141



9789



# Inverse Universe

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



16531380



16718248



16573247



8220792



12386421

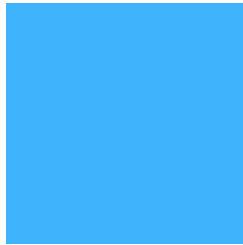


3997734



# Previews

## White Background



This preview shows how the Decimal color 4175100 looks on a white background.

## Color Contrast Check

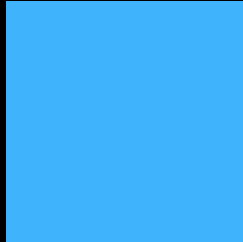
Large Text (above 18pt) WCAG AA × Fail

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 4175100 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

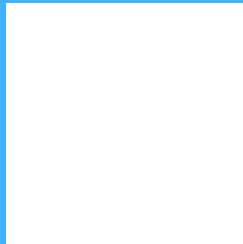
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4175100 Background



This preview shows how black text looks on a background with the Decimal color 4175100.

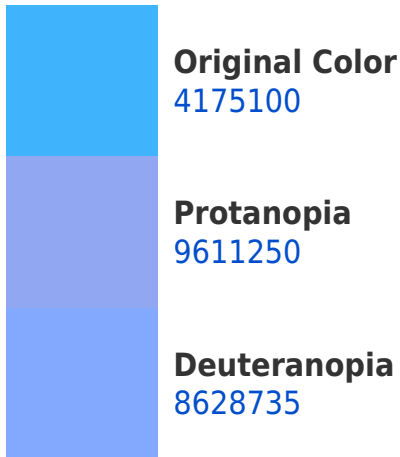


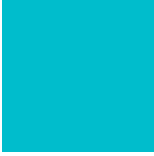
This preview shows how white text looks on a background with the Decimal color 4175100.

# 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



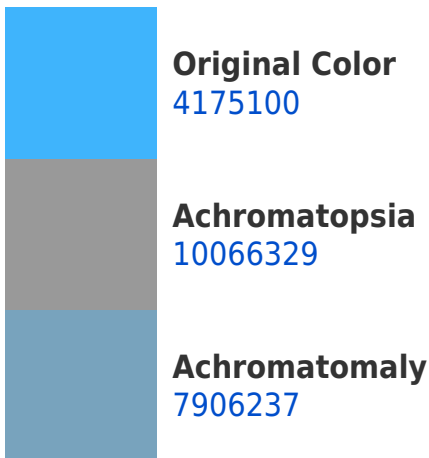


**Tritanopia**  
48588

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4175100 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 #3FB4FC looks like.

```
.text, #text, p{  
    color:#3FB4FC  
}
```

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 #3FB4FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FB4FC
}
```

## Border

The CSS property to change the border of an element to Decimal 4175100 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
#3FB4FC }
```

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

```
.border{ border-color:#3FB4FC }
```

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

Here you see how a box with a 4 pixel #3FB4FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FB4FC; -webkit-box-shadow:4px 4px  
4px 4px #3FB4FC; box-shadow:4px 4px 4px  
4px #3FB4FC }
```

# Background

The CSS property to change the background color of an element to Decimal 4175100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FB4FC }
```

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

```
.background{ background-color:#3FB4FC }
```

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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