

# Converting Colors

Decimal(10076415)

Have a look what the booklet for  
Decimal(10076415) contains.

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# **Color**

**Decimal(10076415)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99C0FF
RGB	153, 192, 255
RGB Percent	60%, 75%, 100%
CMY	0.4000, 0.2471, 0.0000
CMYK	0.40, 0.25, 0.00, 0.00
HSL	217°, 100%, 80%
HSV	217°, 40%, 100%
XYZ	50.0365, 51.6916, 101.9480
YIQ	187.5210, -43.4670, 11.3250

# Conversions

## Conversions Part 2

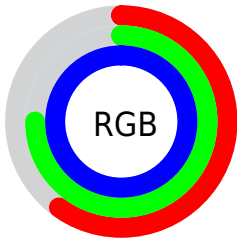
Format	Color
R <sub>Y</sub> B	153, 181, 255
Decimal	10076415
CIE Lab	77.10, 2.45, -35.15
CIE LCh	77, 35.235, 273.986
Yxy	51.6916, 0.2457, 0.2538
Android (android.graphics.Color)	4288266495 (0xFF99C0FF)
YUV	187.5210, 33.2671, -30.2749
Hunter-Lab	71.8969, -1.5927, -33.7440

# Details

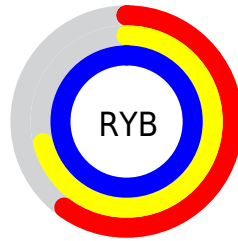
The Decimal color **10076415** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **16767129**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **13826303**, and **6392774** is the 20% darker color. If you saturate the color by 10%, you get **8433919**, and if you desaturate by 10%, it is **11784447**.

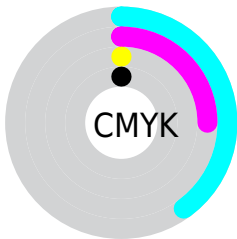
# Distribution



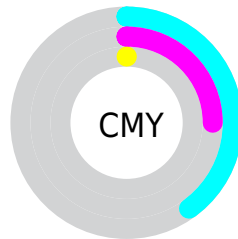
- Red (60%)
- Green (75%)
- Blue (100%)



- Red (60%)
- Yellow (71%)
- Blue (100%)



- Cyan (40%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)
















- Cyan (40%)
- Magenta (25%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10076415 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 10076415 by changing the saturation by 10% instead.



 10076415	 10076415
16777215	 8234466
 13826303	 6392774
 15794175	 4551083
	 2513296
	 17014
	 11357
	 6213
	 1070
	 281

■ 10076415

■ 10076415

■ 8433919

■ 11784447

■ 6726143

■ 13426943

■ 5083647

■ 15134719

■ 3375615

16777215

■ 1667583

■ 25343

# Harmonies

## Analogous

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



6867448



10076415



13153524

# Triad

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



10076415



16624027



8900257

# Complementary

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



10076415



16767129

# 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.



11454343



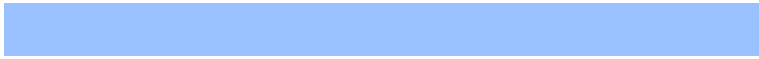
10076415



15577989

# Square

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



10076415



16623291



13745789



6475970

# Rectangle

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



10076415



14855653



13745789



9751703

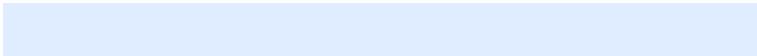


# Sweetspot

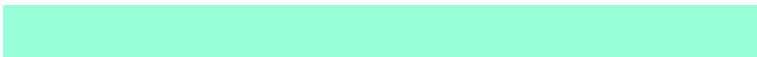
The Sweet Spot groups the original color and five complimentary colors.



10076415



14740735



10092504



7238784



0



8421504

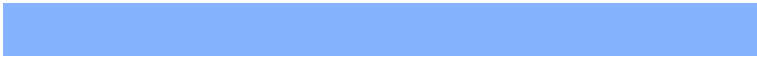


# Same Dimension

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



10076415



8762367



10852863



7567488



18879



6208



# Inverse Universe

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



16751040



16745907



15990681



8418168



12517449



4194328



# Previews

## White Background



This preview shows how the Decimal color 10076415 looks on a white background.

## Color Contrast Check

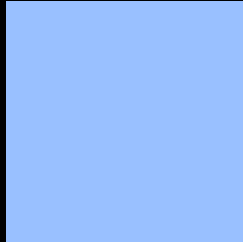
Large Text (above 18pt) WCAG AA × Fail

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 10076415 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

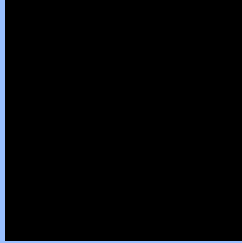
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

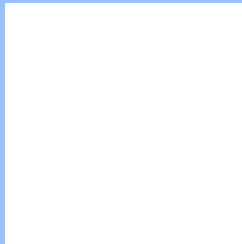
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 10076415 Background



This preview shows how black text looks on a background with the Decimal color 10076415.



This preview shows how white text looks on a background with the Decimal color 10076415.

# 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](#).

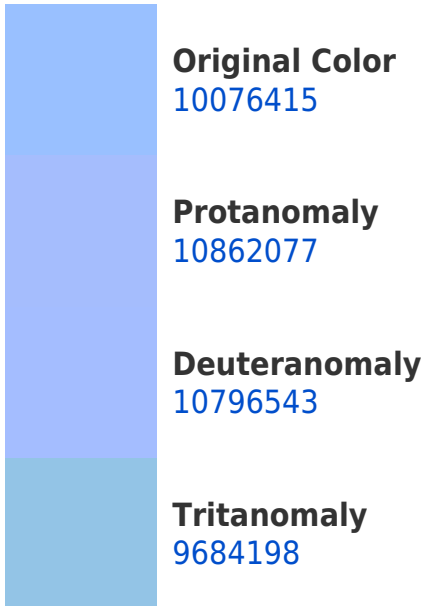
## Dichromacy



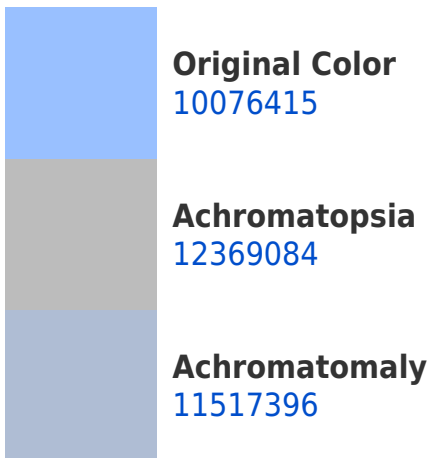


**Tritanopia**  
9422807

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10076415 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 #99C0FF looks like.

```
.text, #text, p{  
    color:#99C0FF  
}
```

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 #99C0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99C0FF
}
```

## Border

The CSS property to change the border of an element to Decimal 10076415 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
#99C0FF }
```

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

```
.border{ border-color:#99C0FF }
```

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

Here you see how a box with a 4 pixel #99C0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99C0FF; -webkit-box-shadow:4px 4px  
4px 4px #99C0FF; box-shadow:4px 4px 4px  
4px #99C0FF }
```

# Background

The CSS property to change the background color of an element to Decimal 10076415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99C0FF }
```

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

```
.background{ background-color:#99C0FF }
```

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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