

# Converting Colors

Decimal(10470364)

Have a look what the booklet for  
Decimal(10470364) contains.

<b>Decimal(10470364)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(10470364)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9FC3DC
RGB	159, 195, 220
RGB Percent	62%, 76%, 86%
CMY	0.3765, 0.2353, 0.1373
CMYK	0.28, 0.11, 0.00, 0.14
HSL	205°, 47%, 74%
HSV	205°, 28%, 86%
XYZ	46.7314, 51.5684, 75.2008
YIQ	187.0860, -29.4810, 0.1430

# Conversions

## Conversions Part 2

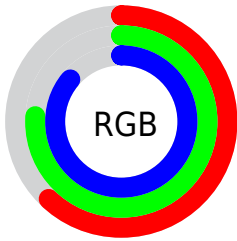
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	159, 182, 220
Decimal	10470364
CIE Lab	77.02, -6.32, -16.40
CIE LCh	77, 17.581, 248.918
Yxy	51.5684, 0.2693, 0.2972
Android (android.graphics.Color)	4288660444 (0xFF9FC3DC)
YUV	187.0860, 16.2266, -24.6314
Hunter-Lab	71.8112, -9.5099, -11.8208

# Details

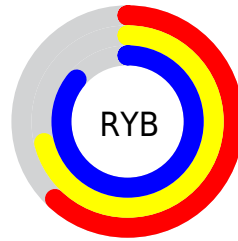
The Decimal color **10470364** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **14465183**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **14155007**, and **6983077** is the 20% darker color. If you saturate the color by 10%, you get **9026268**, and if you desaturate by 10%, it is **11914460**.

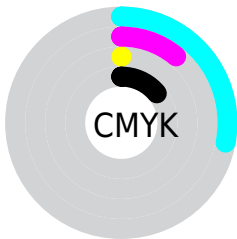
# Distribution



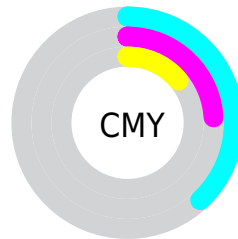
- Red (62%)
- Green (76%)
- Blue (86%)



- Red (62%)
- Yellow (71%)
- Blue (86%)



- Cyan (28%)
- Magenta (11%)
- Yellow (0%)
- Black (14%)



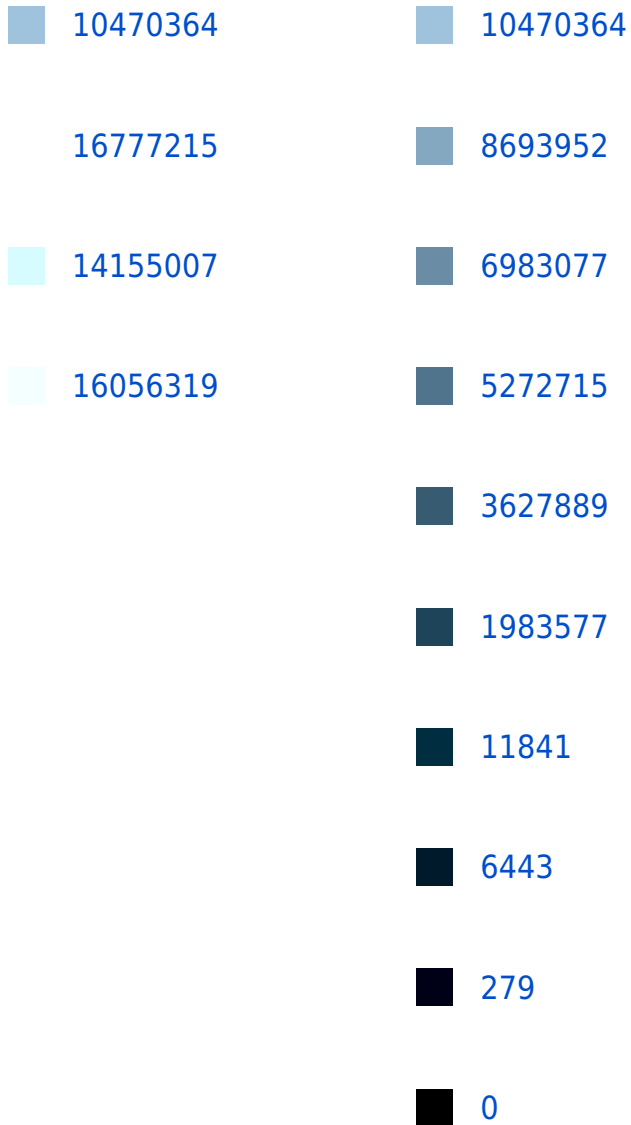
- Cyan (38%)
- Magenta (24%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10470364 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 10470364 by changing the saturation by 10% instead.





■ 10470364

■ 10470364

■ 9026268

■ 11914460

■ 7582172

■ 13358556

■ 6138076

■ 14802652

■ 4693980

■ 16246748

■ 3249884

■ 16773340

■ 1805788

■ 16775644

■ 361692

■ 16777180

■ 33500

# Harmonies

## Analogous

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



9750226



10470364



11714270

# Triad

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



10470364



14726074



11846565

# Complementary

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



10470364



14465183

# 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.



13025182



10470364



14661034

# Square

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



10470364



14202058



14072224



10667954

# Rectangle

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



10470364



12696283



14072224



12239522



# Sweetspot

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



10470364



15464447



10476727



7568000



0



8421504

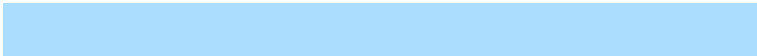


# Same Dimension

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



10470364



11263487



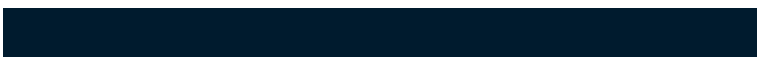
10462684



6515054



26285



6958



# Inverse Universe

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



14458819



16755677



14472863



7234409



11337830

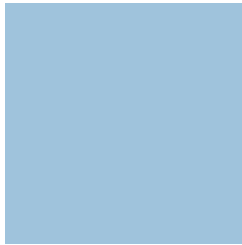


3014683



# Previews

## White Background



This preview shows how the Decimal color 10470364 looks on a white background.

## Color Contrast Check

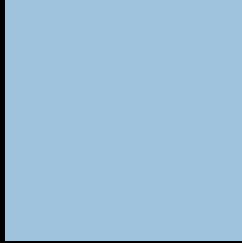
Large Text (above 18pt) WCAG AA × Fail

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 10470364 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

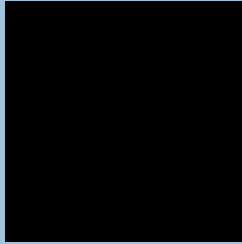
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 10470364 Background



This preview shows how black text looks on a background with the Decimal color 10470364.

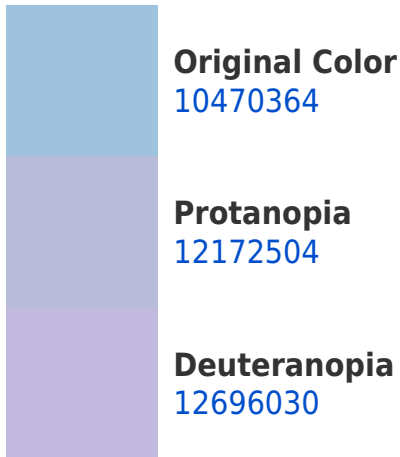


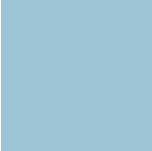
This preview shows how white text looks on a background with the Decimal color 10470364.

# 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](#).

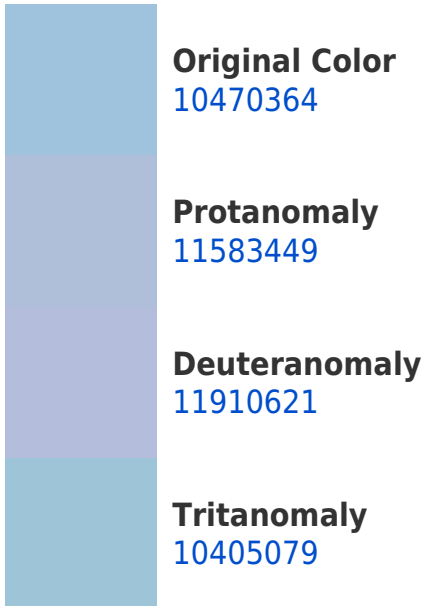
## Dichromacy



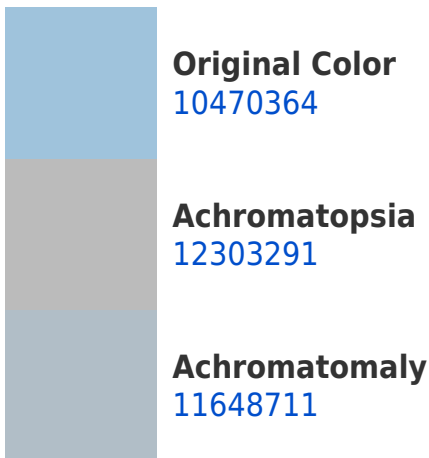


**Tritanopia**  
10339540

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10470364 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 #9FC3DC looks like.

```
.text, #text, p{  
    color:#9FC3DC  
}
```

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 #9FC3DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FC3DC
}
```

## Border

The CSS property to change the border of an element to Decimal 10470364 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
#9FC3DC }
```

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

```
.border{ border-color:#9FC3DC }
```

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

Here you see how a box with a 4 pixel #9FC3DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FC3DC; -webkit-box-shadow:4px 4px  
4px 4px #9FC3DC; box-shadow:4px 4px 4px  
4px #9FC3DC }
```

# Background

The CSS property to change the background color of an element to Decimal 10470364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FC3DC }
```

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

```
.background{ background-color:#9FC3DC }
```

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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