

# Converting Colors

Decimal(10469074)

Have a look what the booklet for  
Decimal(10469074) contains.

<b>Decimal(10469074)</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(10469074)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FBED2
RGB	159, 190, 210
RGB Percent	62%, 75%, 82%
CMY	0.3765, 0.2549, 0.1765
CMYK	0.24, 0.10, 0.00, 0.18
HSL	204°, 36%, 72%
HSV	204°, 24%, 82%
XYZ	44.3444, 48.8510, 68.0648
YIQ	183.0110, -24.8960, -0.3520

# Conversions

## Conversions Part 2

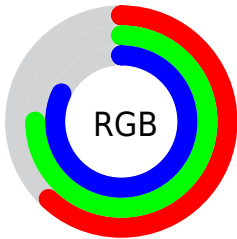
Format	Color
R <sub>Y</sub> B	159, 178, 210
Decimal	10469074
CIE Lab	75.36, -5.99, -13.49
CIE LCh	75, 14.764, 246.061
Yxy	48.8510, 0.2750, 0.3029
Android (android.graphics.Color)	4288659154 (0xFF9FBED2)
YUV	183.0110, 13.3056, -21.0576
Hunter-Lab	69.8935, -9.0631, -8.8133

# Details

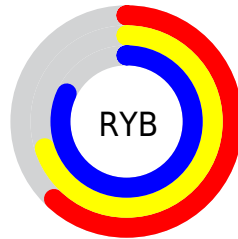
The Decimal color **10469074** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **13808543**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **14087935**, and **6982044** is the 20% darker color. If you saturate the color by 10%, you get **9090770**, and if you desaturate by 10%, it is **11847378**.

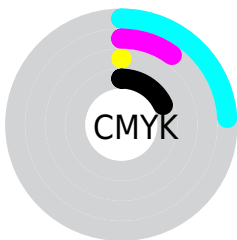
# Distribution



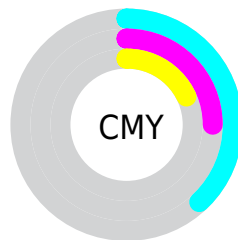
- Red (62%)
- Green (75%)
- Blue (82%)



- Red (62%)
- Yellow (70%)
- Blue (82%)



- Cyan (24%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (38%)
- Magenta (25%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10469074 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 10469074 by changing the saturation by 10% instead.





■ 10469074

■ 10469074

■ 9090770

■ 11847378

■ 7712466

■ 13225682

■ 6333906

■ 14604242

■ 4955602

■ 15982546

■ 3577298

■ 16771026

■ 2198994

■ 16773074

■ 820434

■ 16775378

■ 32978

■ 16777170

# Harmonies

## Analogous

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



9945545



10469074



11451092

# Triad

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



10469074



14069943



11714211

# Complementary

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



10469074



13808543

# 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.



12761759



10469074



14070442

# Square

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



10469074



13546181



13612449



10731950

# Rectangle

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



10469074



12236754



13612449



12106913

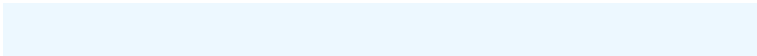


# Sweetspot

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



10469074



15595775



10474163



7699584



0



8421504

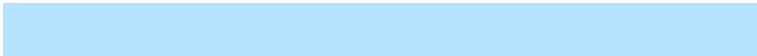


# Same Dimension

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



10469074



11920127



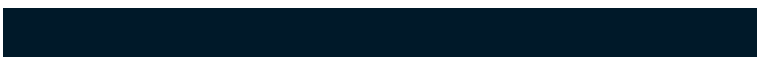
10462674



6186089



26280



6441



# Inverse Universe

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



13803454



16758242



13814943



6905444



11010150

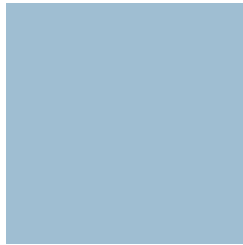


2687001



# Previews

## White Background



This preview shows how the Decimal color 10469074 looks on a white background.

## Color Contrast Check

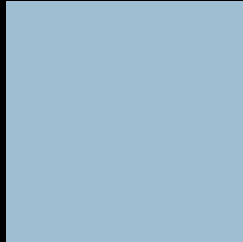
Large Text (above 18pt) WCAG AA × Fail

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 10469074 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

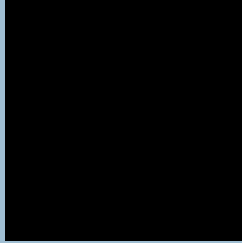
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

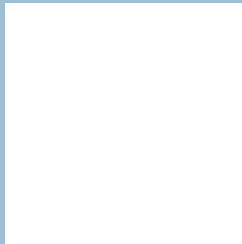
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 10469074 Background



This preview shows how black text looks on a background with the Decimal color 10469074.

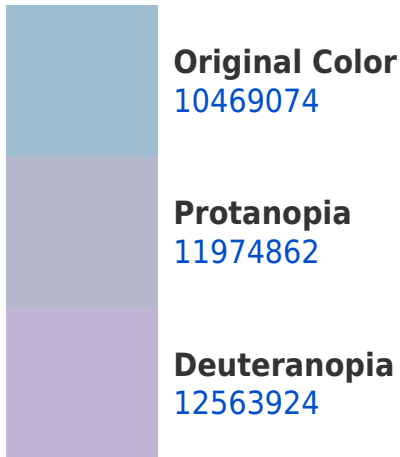


This preview shows how white text looks on a background with the Decimal color 10469074.

# 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](#).

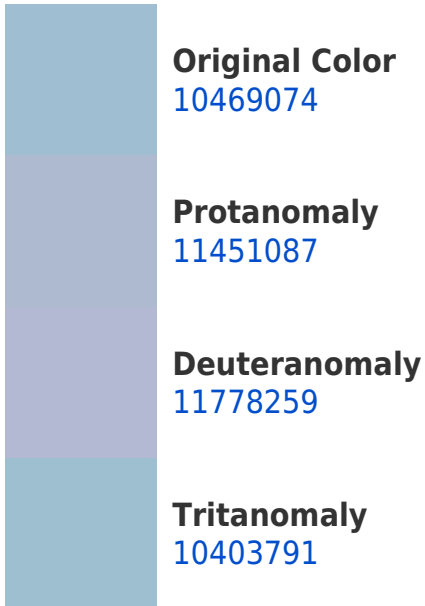
## Dichromacy



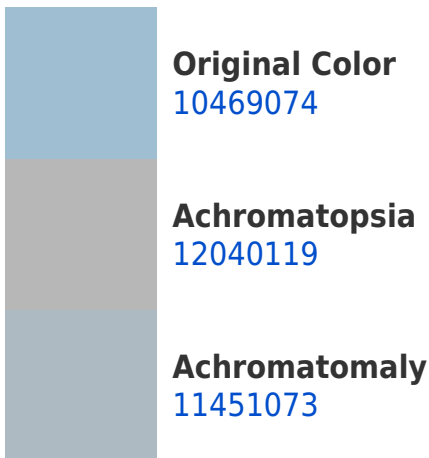


**Tritanopia**  
10403790

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10469074 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 #9FBED2 looks like.

```
.text, #text, p{  
    color:#9FBED2  
}
```

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 #9FBED2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FBED2
}
```

## Border

The CSS property to change the border of an element to Decimal 10469074 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
#9FBED2 }
```

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

```
.border{ border-color:#9FBED2 }
```

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

Here you see how a box with a 4 pixel #9FBED2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FBED2; -webkit-box-shadow:4px 4px  
4px 4px #9FBED2; box-shadow:4px 4px 4px  
4px #9FBED2 }
```

# Background

The CSS property to change the background color of an element to Decimal 10469074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FBED2 }
```

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

```
.background{ background-color:#9FBED2 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor