

# Converting Colors

Decimal(9816821)

Have a look what the booklet for  
Decimal(9816821) contains.

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# **Color**

**Decimal(9816821)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	95CAF5
RGB	149, 202, 245
RGB Percent	58%, 79%, 96%
CMY	0.4157, 0.2078, 0.0392
CMYK	0.39, 0.18, 0.00, 0.04
HSL	207°, 83%, 77%
HSV	207°, 39%, 96%
XYZ	49.9964, 55.2232, 94.4103
YIQ	191.0550, -45.3910, 2.1370

# Conversions

## Conversions Part 2

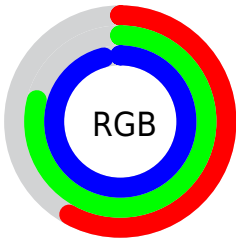
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	149, 183, 245
Decimal	9816821
CIE Lab	79.17, -6.60, -26.63
CIE LCh	79, 27.433, 256.087
Yxy	55.2232, 0.2504, 0.2766
Android (android.graphics.Color)	4288006901 (0xFF95CAF5)
YUV	191.0550, 26.5949, -36.8822
Hunter-Lab	74.3123, -9.9540, -23.3065

# Details

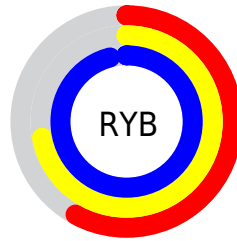
The Decimal color **9816821** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **16105621**, and the grayscale version is **12566463**.

A 20% lighter version of the original color is **13565951**, and **6198461** is the 20% darker color. If you saturate the color by 10%, you get **8241141**, and if you desaturate by 10%, it is **11458037**.

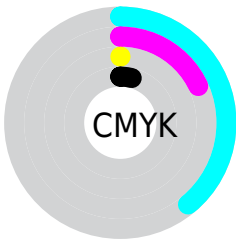
# Distribution



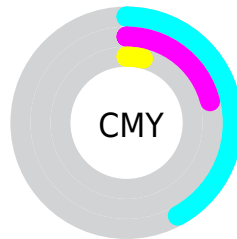
- Red (58%)
- Green (79%)
- Blue (96%)



- Red (58%)
- Yellow (72%)
- Blue (96%)



- Cyan (39%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (42%)
- Magenta (21%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9816821 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 9816821 by changing the saturation by 10% instead.



■ 9816821

■ 9816821

16777215

■ 7974872

■ 13565951

■ 6198461

■ 15466495

■ 4356769

■ 2318983

■ 19054

■ 13141

■ 7742

■ 808

■ 274

■ 9816821

■ 9816821

■ 8241141

■ 11458037

■ 6599925

■ 13033717

■ 5024245

■ 14674933

■ 3383029

■ 16250613

■ 1741813

■ 16777205

■ 166133

■ 34805

# Harmonies

## Analogous

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



8245480



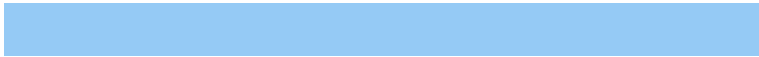
9816821



12108533

# Triad

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



9816821



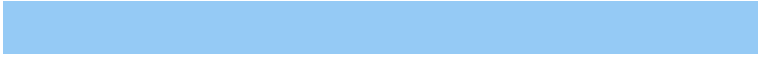
16298679



11325088

# Complementary

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



9816821



16105621

# 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.



13223827



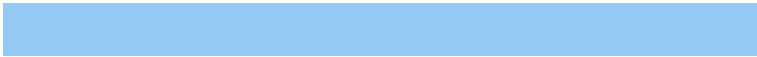
9816821



15972000

# Square

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



9816821



15774673



14859923



9425591

# Rectangle

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



9816821



13614317



14859923

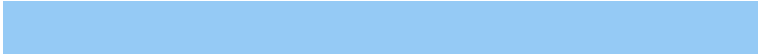


11914394

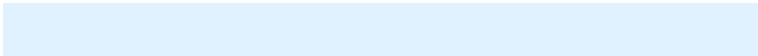


# Sweetspot

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



9816821



14742015



9827775



7239808



0



8421504

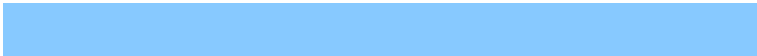


# Same Dimension

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



9816821



8899071



9804789



7239034



26554



8251



# Inverse Universe

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



16094666



16746441



16117653



8023669



12189799

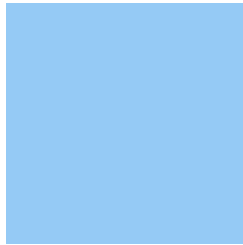


3866656



# Previews

## White Background



This preview shows how the Decimal color 9816821 looks on a white background.

## Color Contrast Check

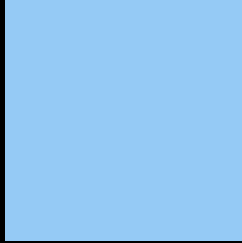
Large Text (above 18pt) WCAG AA × Fail

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 9816821 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 9816821 Background



This preview shows how black text looks on a background with the Decimal color 9816821.



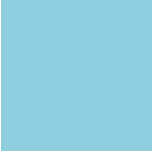
This preview shows how white text looks on a background with the Decimal color 9816821.

# 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](#).

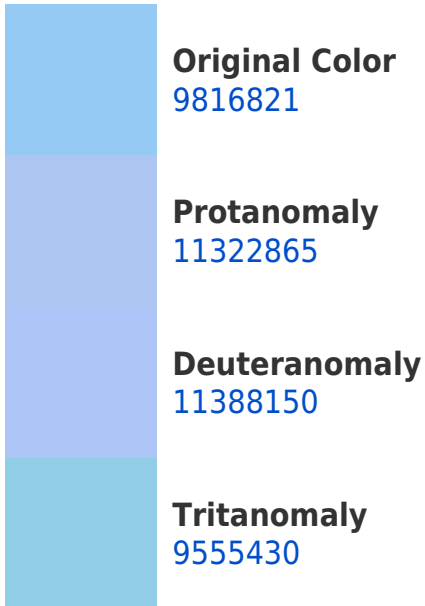
## Dichromacy





**Tritanopia**  
9424606

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9816821 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 #95CAF5 looks like.

```
.text, #text, p{  
    color:#95CAF5  
}
```

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 #95CAF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95CAF5
}
```

## Border

The CSS property to change the border of an element to Decimal 9816821 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
#95CAF5 }
```

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

```
.border{ border-color:#95CAF5 }
```

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

Here you see how a box with a 4 pixel #95CAF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95CAF5; -webkit-box-shadow:4px 4px  
4px 4px #95CAF5; box-shadow:4px 4px 4px  
4px #95CAF5 }
```

# Background

The CSS property to change the background color of an element to Decimal 9816821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95CAF5 }
```

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

```
.background{ background-color:#95CAF5 }
```

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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