

# Converting Colors

Decimal(10336737)

Have a look what the booklet for  
Decimal(10336737) contains.

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# **Color**

**Decimal(10336737)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9DB9E1
RGB	157, 185, 225
RGB Percent	62%, 73%, 88%
CMY	0.3843, 0.2745, 0.1176
CMYK	0.30, 0.18, 0.00, 0.12
HSL	215°, 53%, 75%
HSV	215°, 30%, 88%
XYZ	44.8442, 47.3023, 78.0009
YIQ	181.1880, -29.5280, 6.5040

# Conversions

## Conversions Part 2

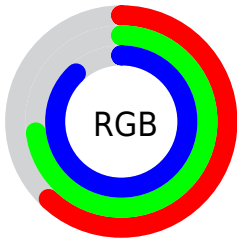
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 177, 225
Decimal	10336737
CIELab	74.38, -0.33, -23.12
CIElCh	74, 23.125, 269.175
Yxy	47.3023, 0.2636, 0.2780
Android (android.graphics.Color)	4288526817 (0xFF9DB9E1)
YUV	181.1880, 21.5993, -21.2129
Hunter-Lab	68.7766, -3.9724, -19.0982

# Details

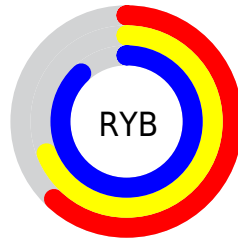
The Decimal color **10336737** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **14796189**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **14021119**, and **6849706** is the 20% darker color. If you saturate the color by 10%, you get **8891617**, and if you desaturate by 10%, it is **11847393**.

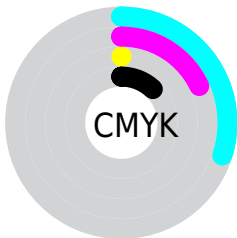
# Distribution



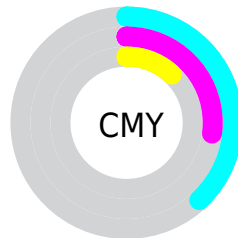
- Red (62%)
- Green (73%)
- Blue (88%)



- Red (62%)
- Yellow (69%)
- Blue (88%)



- Cyan (30%)
- Magenta (18%)
- Yellow (0%)
- Black (12%)



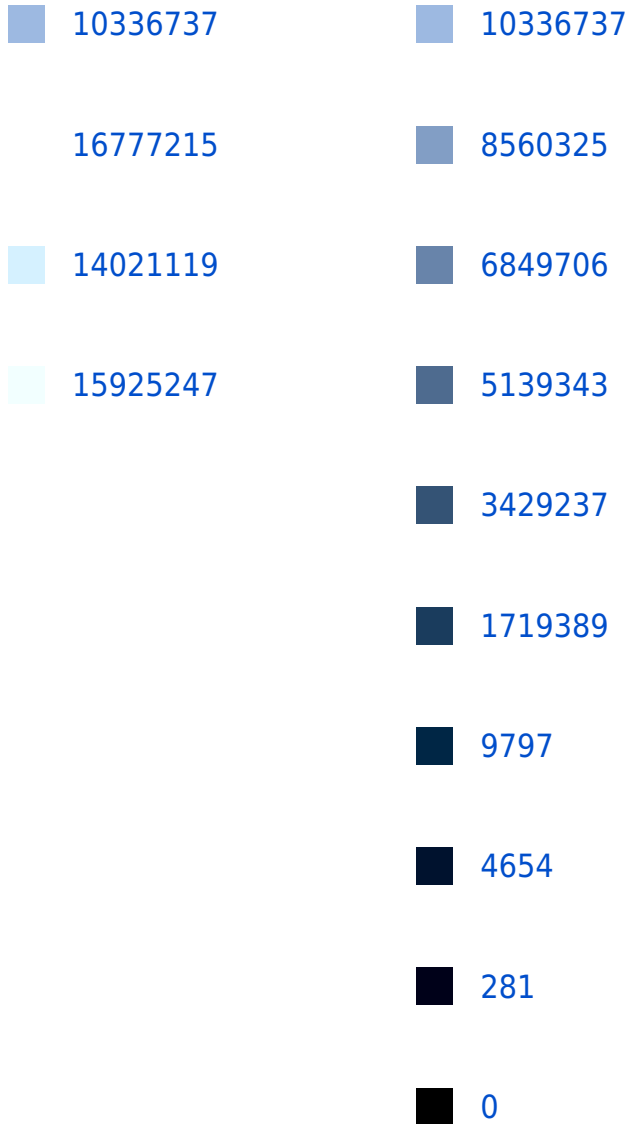
- Cyan (38%)
- Magenta (27%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10336737 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 10336737 by changing the saturation by 10% instead.





■ 10336737

■ 10336737

■ 8891617

■ 11847393

■ 7380961

■ 13292513

■ 5935585

■ 14803425

■ 4424929

■ 16248545

■ 2979809

■ 16776161

■ 1469153

■ 16777185

■ 24033

# Harmonies

## Analogous

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



8765403



10336737



12235484

# Triad

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



10336737



14854563



10011041

# Complementary

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



10336737



14796189

# 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.



11648146



10336737



14266003

# Square

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



10336737



14723256



13153677



8700854

# Rectangle

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



10336737



13348307



13153677



10534811

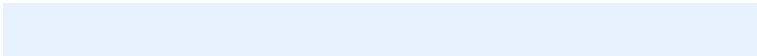


# Sweetspot

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



10336737



15266559



10346949



7436160



0



8421504



# Same Dimension

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



10336737



10734079



10722785



6646384



18608



5168



# Inverse Universe

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



14785977



16753609



14410141



7365994



11534408

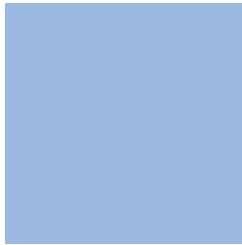


3145748



# Previews

## White Background



This preview shows how the Decimal color 10336737 looks on a white background.

## Color Contrast Check

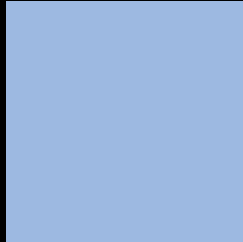
Large Text (above 18pt) WCAG AA × Fail

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 10336737 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

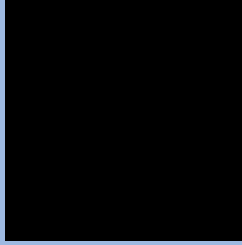
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

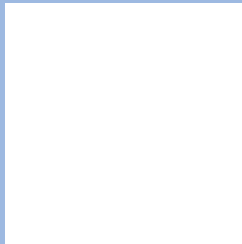
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 10336737 Background



This preview shows how black text looks on a background with the Decimal color 10336737.



This preview shows how white text looks on a background with the Decimal color 10336737.

# 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



**Original Color**  
10336737

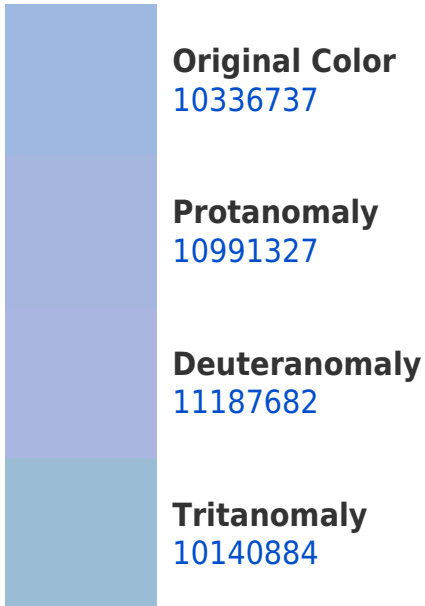
**Protanopia**  
11384286

**Deuteranopia**  
11711458

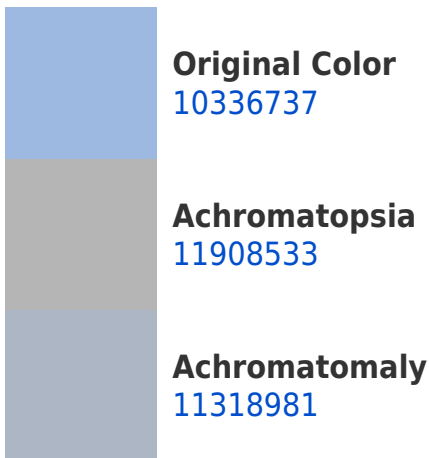


**Tritanopia**  
10010060

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10336737 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 #9DB9E1 looks like.

```
.text, #text, p{  
    color:#9DB9E1  
}
```

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 #9DB9E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DB9E1
}
```

## Border

The CSS property to change the border of an element to Decimal 10336737 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
#9DB9E1 }
```

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

```
.border{ border-color:#9DB9E1 }
```

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

Here you see how a box with a 4 pixel #9DB9E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DB9E1; -webkit-box-shadow:4px 4px  
4px 4px #9DB9E1; box-shadow:4px 4px 4px  
4px #9DB9E1 }
```

# Background

The CSS property to change the background color of an element to Decimal 10336737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DB9E1 }
```

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

```
.background{ background-color:#9DB9E1 }
```

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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