

# Converting Colors

Decimal(10337506)

Have a look what the booklet for  
Decimal(10337506) contains.

<b>Decimal(10337506)</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(10337506)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9DBCE2
RGB	157, 188, 226
RGB Percent	62%, 74%, 89%
CMY	0.3843, 0.2627, 0.1137
CMYK	0.31, 0.17, 0.00, 0.11
HSL	213°, 54%, 75%
HSV	213°, 31%, 89%
XYZ	45.6153, 48.6255, 78.9330
YIQ	183.0630, -30.6740, 5.2460

# Conversions

## Conversions Part 2

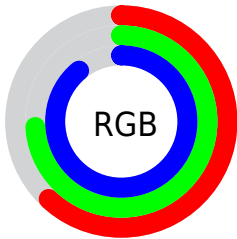
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 178, 226
Decimal	10337506
CIELab	75.22, -1.71, -22.39
CIELCh	75, 22.458, 265.623
Yxy	48.6255, 0.2634, 0.2808
Android (android.graphics.Color)	4288527586 (0xFF9DBCE2)
YUV	183.0630, 21.1679, -22.8573
Hunter-Lab	69.7320, -5.2649, -18.3008

# Details

The Decimal color **10337506** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **14861213**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **14021887**, and **6850475** is the 20% darker color. If you saturate the color by 10%, you get **8827106**, and if you desaturate by 10%, it is **11847906**.

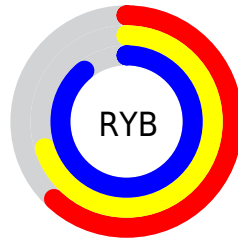
# Distribution



Red (62%)

Green (74%)

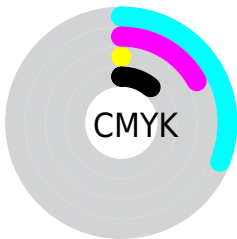
Blue (89%)



Red (62%)

Yellow (70%)

Blue (89%)

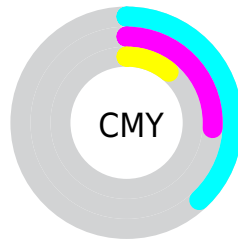


Cyan (31%)

Magenta (17%)

Yellow (0%)

Black (11%)



Cyan (38%)

Magenta (26%)

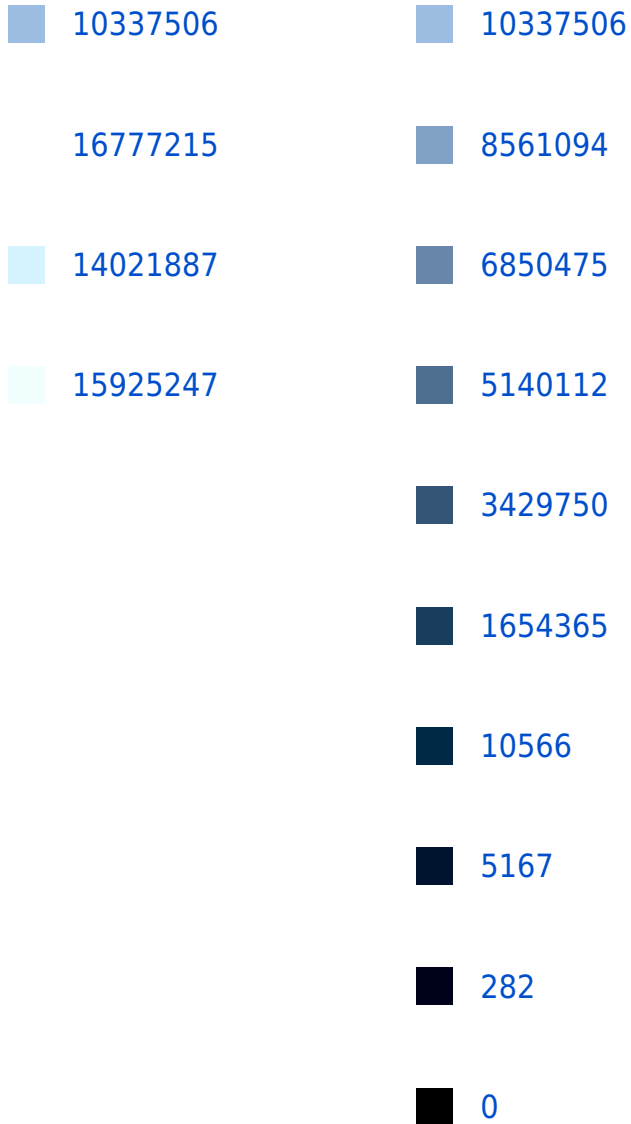
Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10337506 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 10337506 by changing the saturation by 10% instead.





■ 10337506

■ 10337506

■ 8827106

■ 11847906

■ 7381986

■ 13293026

■ 5871586

■ 14803426

■ 4426466

■ 16248546

■ 2916066

■ 16775906

■ 1405410

■ 16777186

■ 26338

# Harmonies

## Analogous

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



8897243



10337506



12170718

# Triad

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



10337506



14986152



10404513

# Complementary

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



10337506



14861213

# 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.



11976084



10337506



14463128

# Square

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



10337506



14724029



13416336



9094581

# Rectangle

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



10337506



13283542



13416336



10928540



# Sweetspot

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



10337506



15266559



10347203



7436416



0



8421504

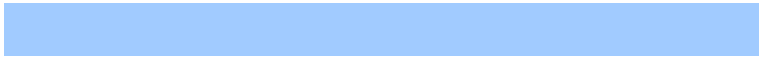


# Same Dimension

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



10337506



10603519



10526178



6646384



20400



5680



# Inverse Universe

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



14851516



16753099



14672541



7365994



11534415

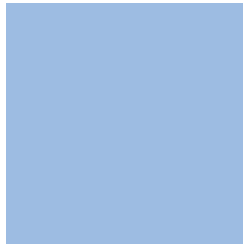


3145750



# Previews

## White Background



This preview shows how the Decimal color 10337506 looks on a white background.

## Color Contrast Check

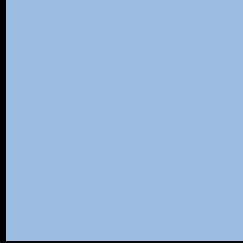
Large Text (above 18pt) WCAG AA × Fail

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 10337506 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

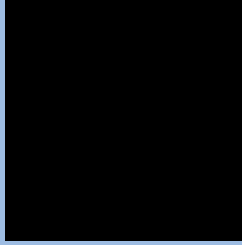
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

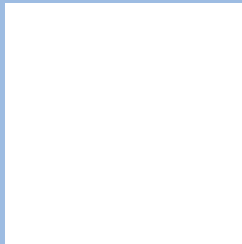
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 10337506 Background



This preview shows how black text looks on a background with the Decimal color 10337506.

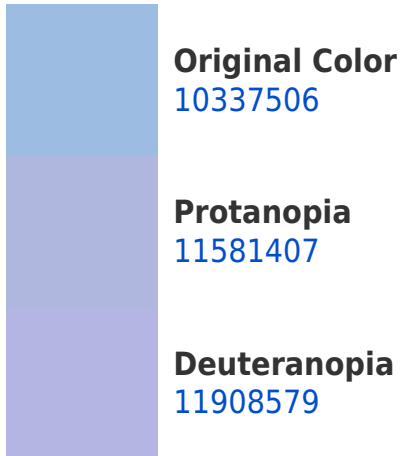


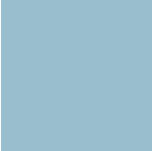
This preview shows how white text looks on a background with the Decimal color 10337506.

# 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](#).

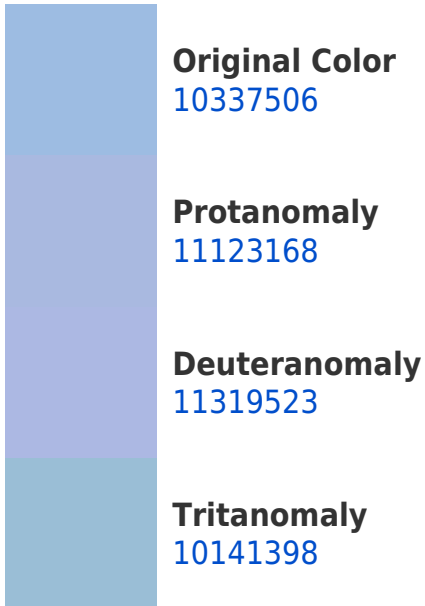
## Dichromacy



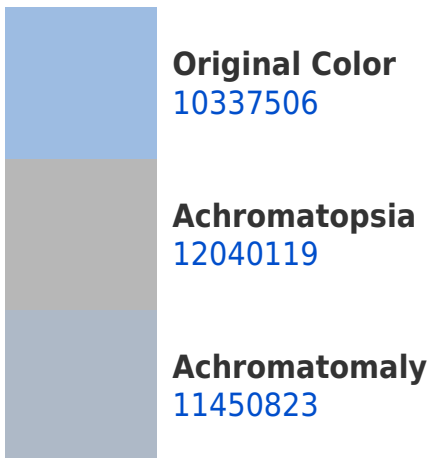


**Tritanopia**  
10076111

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10337506 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 #9DBCE2 looks like.

```
.text, #text, p{  
    color:#9DBCE2  
}
```

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 #9DBCE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DBCE2  
}
```

## Border

The CSS property to change the border of an element to Decimal 10337506 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  
#9DBCE2 }
```

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

```
.border{ border-color:#9DBCE2 }
```

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

Here you see how a box with a 4 pixel #9DBCE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DBCE2; -webkit-box-shadow:4px 4px  
4px 4px #9DBCE2; box-shadow:4px 4px 4px  
4px #9DBCE2 }
```

# Background

The CSS property to change the background color of an element to Decimal 10337506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DBCE2 }
```

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

```
.background{ background-color:#9DBCE2 }
```

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