

# Converting Colors

Decimal(10336983)

Have a look what the booklet for  
Decimal(10336983) contains.

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# **Color**

**Decimal(10336983)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9DBAD7
RGB	157, 186, 215
RGB Percent	62%, 73%, 84%
CMY	0.3843, 0.2706, 0.1569
CMYK	0.27, 0.13, 0.00, 0.16
HSL	210°, 42%, 73%
HSV	210°, 27%, 84%
XYZ	43.7293, 47.1922, 71.0942
YIQ	180.6350, -26.5930, 2.8710

# Conversions

## Conversions Part 2

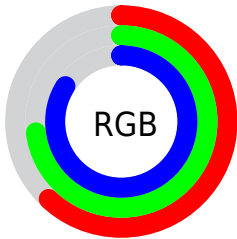
Format	Color
R <sub>YB</sub>	157, 176, 215
Decimal	10336983
CIE Lab	74.31, -3.28, -17.80
CIE LCh	74, 18.098, 259.547
Yxy	47.1922, 0.2699, 0.2913
Android (android.graphics.Color)	4288527063 (0xFF9DBAD7)
YUV	180.6350, 16.9419, -20.7279
Hunter-Lab	68.6966, -6.5936, -13.2717

# Details

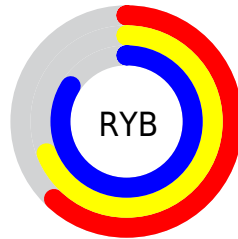
The Decimal color **10336983** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **14138013**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **13955839**, and **6849952** is the 20% darker color. If you saturate the color by 10%, you get **8957911**, and if you desaturate by 10%, it is **11781591**.

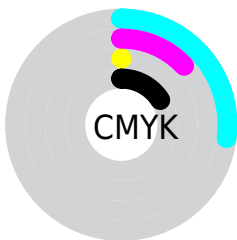
# Distribution



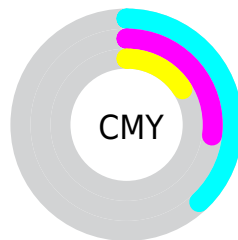
- Red (62%)
- Green (73%)
- Blue (84%)



- Red (62%)
- Yellow (69%)
- Blue (84%)



- Cyan (27%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)



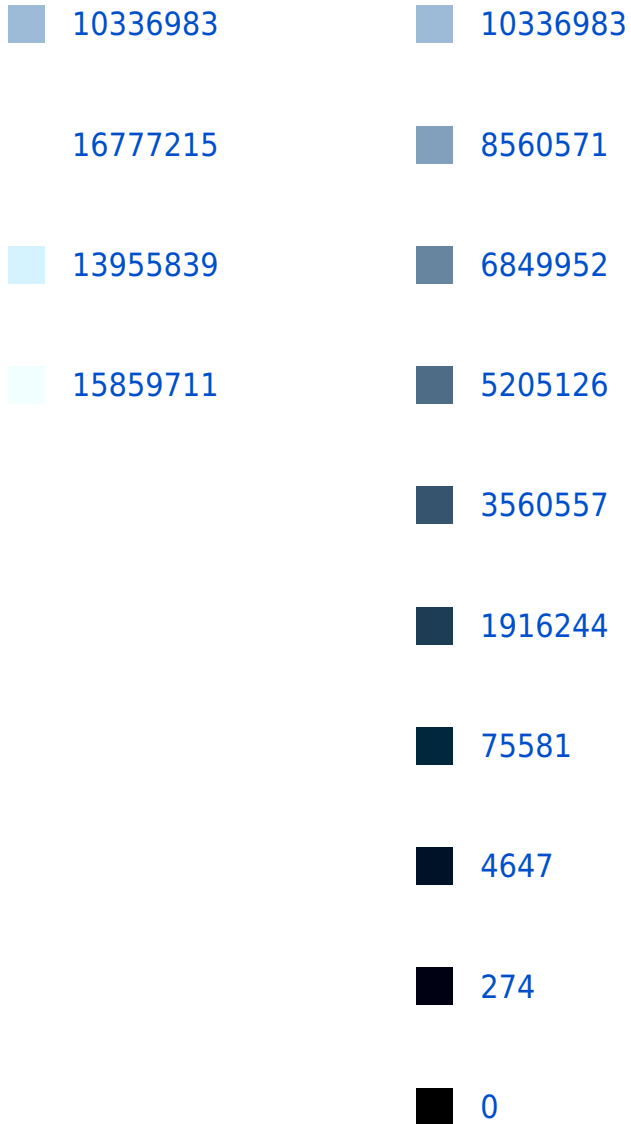
- Cyan (38%)
- Magenta (27%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10336983 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 10336983 by changing the saturation by 10% instead.





■ 10336983

■ 10336983

■ 8957911

■ 11781591

■ 7513559

■ 13160663

■ 6134487

■ 14605015

■ 4689879

■ 15984087

■ 3245271

■ 16773335

■ 1866455

■ 16776151

■ 421847

■ 16777175

■ 27863

# Harmonies

## Analogous

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



9354959



10336983



11711702

# Triad

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



10336983



14331052



10862241

# Complementary

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



10336983



14138013

# 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.



12106135



10336983



14069662

# Square

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



10336983



14003389



13218966



9748656

# Rectangle

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



10336983



12628432



13218966



11254941



# Sweetspot

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



10336983



15463935



10344378



7567744



0



8421504

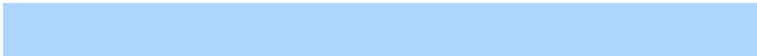


# Same Dimension

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



10336983



11392767



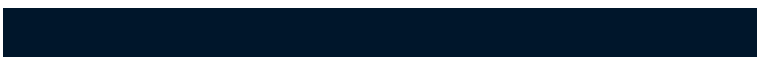
10329559



6317675



21931



5675



# Inverse Universe

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



14130618



16756182



14145437



7037030



11206741

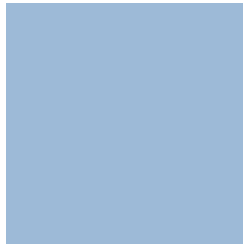


2818070



# Previews

## White Background



This preview shows how the Decimal color 10336983 looks on a white background.

## Color Contrast Check

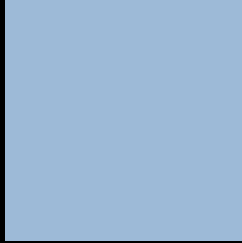
Large Text (above 18pt) WCAG AA × Fail

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 10336983 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

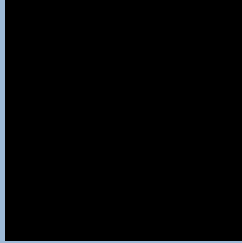
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

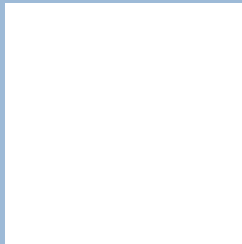
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 10336983 Background



This preview shows how black text looks on a background with the Decimal color 10336983.

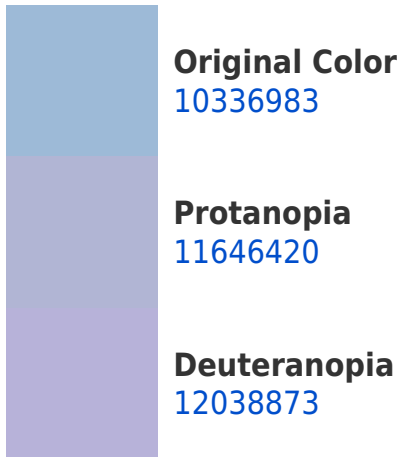


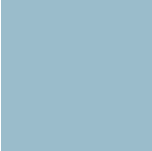
This preview shows how white text looks on a background with the Decimal color 10336983.

# 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](#).

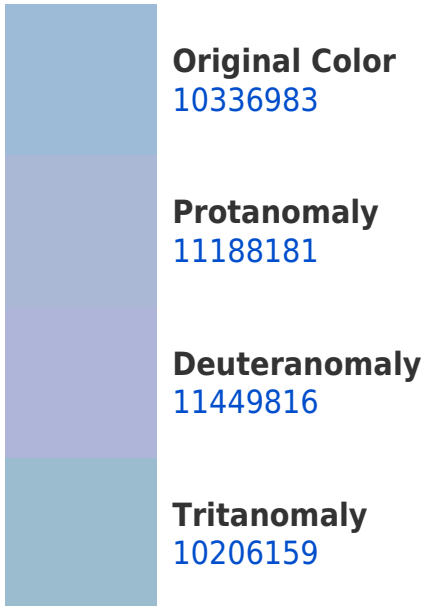
## Dichromacy





**Tritanopia**  
10140875

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10336983 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 #9DBAD7 looks like.

```
.text, #text, p{  
  color:#9DBAD7  
}
```

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 #9DBAD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DBAD7
}
```

## Border

The CSS property to change the border of an element to Decimal 10336983 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
#9DBAD7 }
```

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

```
.border{ border-color:#9DBAD7 }
```

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

Here you see how a box with a 4 pixel #9DBAD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DBAD7; -webkit-box-shadow:4px 4px  
4px 4px #9DBAD7; box-shadow:4px 4px 4px  
4px #9DBAD7 }
```

# Background

The CSS property to change the background color of an element to Decimal 10336983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DBAD7 }
```

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

```
.background{ background-color:#9DBAD7 }
```

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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