

Converting Colors

Decimal(10333951)

Have a look what the booklet for
Decimal(10333951) contains.

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Color

Decimal(10333951)

Conversions

Conversions Part 1

Format	Color
Hex	9DAEFF
RGB	157, 174, 255
RGB Percent	62%, 68%, 100%
CMY	0.3843, 0.3176, 0.0000
CMYK	0.38, 0.32, 0.00, 0.00
HSL	230°, 100%, 81%
HSV	230°, 38%, 100%
XYZ	47.0907, 44.6602, 100.7461
YIQ	178.1510, -36.1330, 21.5870

Conversions

Conversions Part 2

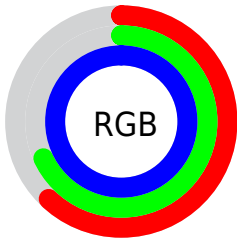
Format	Color
R_{YB}	157, 171, 255
Decimal	10333951
CIE _{Lab}	72.67, 13.45, -42.01
CIE _{LCh}	73, 44.115, 287.757
Yxy	44.6602, 0.2446, 0.2320
Android (android.graphics.Color)	4288524031 (0xFF9DAEFF)
YUV	178.1510, 37.8866, -18.5494
Hunter-Lab	66.8283, 8.8309, -42.6020

Details

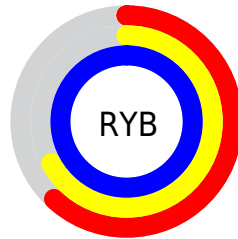
The Decimal color **10333951** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **16772765**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **14083583**, and **6650566** is the 20% darker color. If you saturate the color by 10%, you get **8690175**, and if you desaturate by 10%, it is **12043263**.

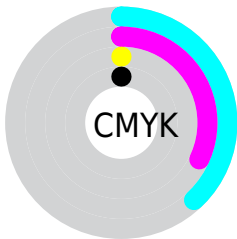
Distribution



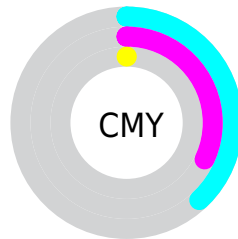
- Red (62%)
- Green (68%)
- Blue (100%)



- Red (62%)
- Yellow (67%)
- Blue (100%)



- Cyan (38%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)

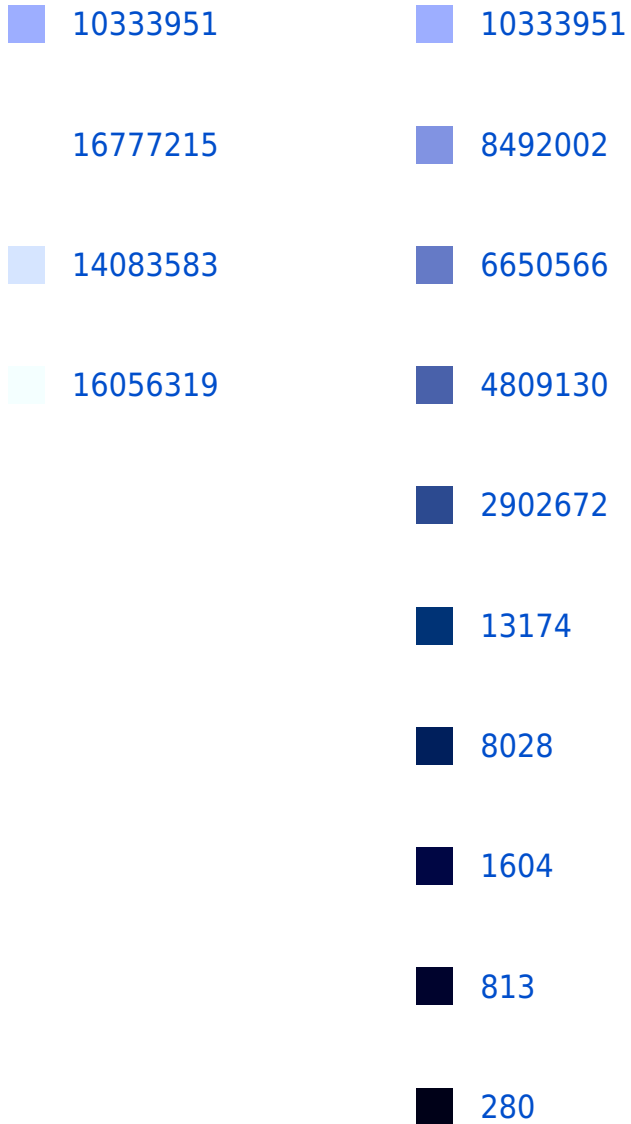


- Cyan (38%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10333951 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 10333951 by changing the saturation by 10% instead.



■ 10333951

■ 10333951

■ 8690175

■ 12043263

■ 6980863

■ 13687039

■ 5337087

■ 15396351

■ 3627775

16777215

■ 1918463

■ 274687

■ 11519

Harmonies

Analogous

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



5291007



10333951



13934569

Triad

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



10333951



16096376



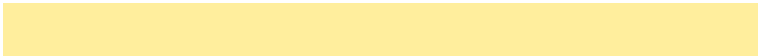
5097120

Complementary

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



10333951



16772765

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.



8831354



10333951



14330467

Square

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



10333951



16749468



11843428



51146

Rectangle

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



10333951



15570898



11843428



6473106

Sweetspot

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



10333951



14739199



10354669



7238016



0



8421504

Same Dimension

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



10333951



9084671



12361215



7566720



8639



2880

Inverse Universe

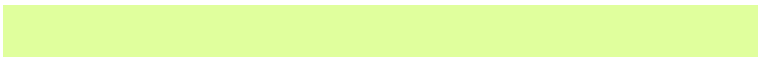
The Inverse Universe completely reimagines the original color for something new.



16752046



16747166



14745501



8418165



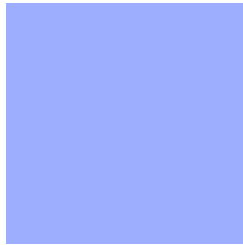
12517409



4194315

Previews

White Background



This preview shows how the Decimal color 10333951 looks on a white background.

Color Contrast Check

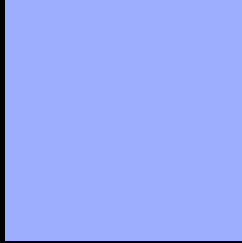
Large Text (above 18pt) WCAG AA × Fail

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 10333951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

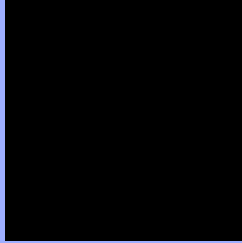
Any Text WCAG AA ✓ Pass

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 10333951 Background



This preview shows how black text looks on a background with the Decimal color 10333951.



This preview shows how white text looks on a background with the Decimal color 10333951.

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
10333951

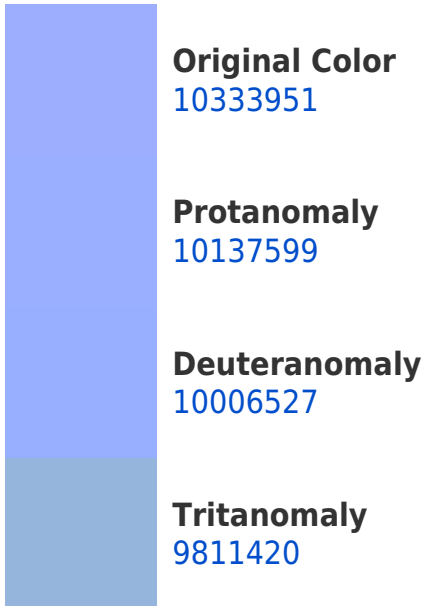
Protanopia
10006527

Deuteranopia
9810175

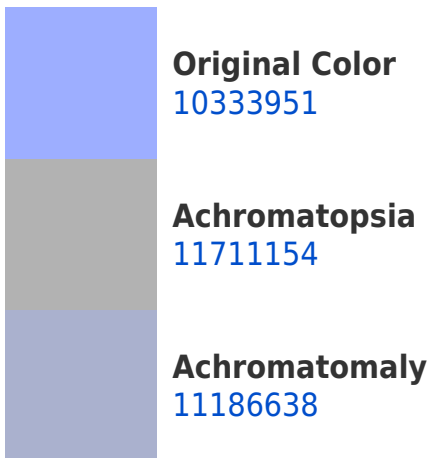


Tritanopia
9484744

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 10333951 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 #9DAEFF looks like.

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

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 #9DAEFF colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 10333951 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
#9DAEFF }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 10333951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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