

Converting Colors

Decimal(10458331)

Have a look what the booklet for
Decimal(10458331) contains.

Decimal(10458331)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(10458331)

Conversions

Conversions Part 1

Format	Color
Hex	9F94DB
RGB	159, 148, 219
RGB Percent	62%, 58%, 86%
CMY	0.3765, 0.4196, 0.1412
CMYK	0.27, 0.32, 0.00, 0.14
HSL	249°, 50%, 72%
HSV	249°, 32%, 86%
XYZ	37.6742, 33.6652, 71.5302
YIQ	159.3830, -16.2350, 24.4130

Conversions

Conversions Part 2

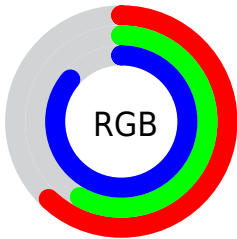
Format	Color
R _Y B	159, 148, 219
Decimal	10458331
CIE Lab	64.70, 19.46, -34.73
CIE LCh	65, 39.812, 299.261
Yxy	33.6652, 0.2637, 0.2356
Android (android.graphics.Color)	4288648411 (0xFF9F94DB)
YUV	159.3830, 29.3912, -0.3359
Hunter-Lab	58.0217, 14.3640, -32.4786

Details

The Decimal color **10458331** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **13687700**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **14142207**, and **6971812** is the 20% darker color. If you saturate the color by 10%, you get **9207515**, and if you desaturate by 10%, it is **11709147**.

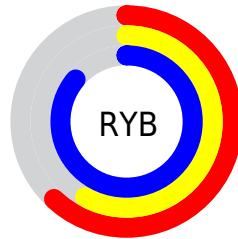
Distribution



Red (62%)

Green (58%)

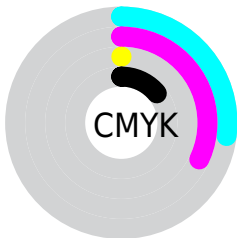
Blue (86%)



Red (62%)

Yellow (58%)

Blue (86%)

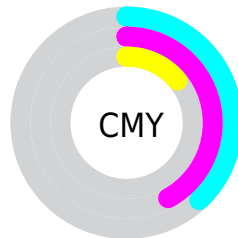


Cyan (27%)

Magenta (32%)

Yellow (0%)

Black (14%)



Cyan (38%)

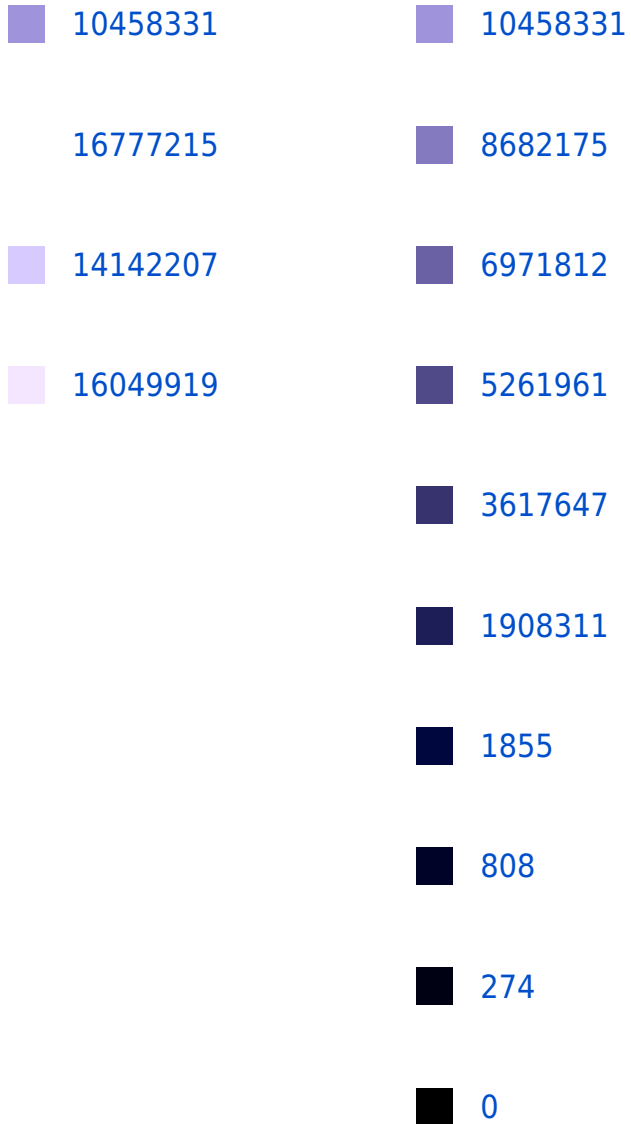
Magenta (42%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10458331 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 10458331 by changing the saturation by 10% instead.



■ 10458331

■ 10458331

■ 9207515

■ 11709147

■ 8022235

■ 12894427

■ 6771419

■ 14145243

■ 5586139

■ 15330523

■ 4335579

■ 16580571

■ 3150299

■ 16777179

■ 2228443

Harmonies

Analogous

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



6529508



10458331



13207490

Triad

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



10458331



13667937



2731931

Complementary

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



10458331



13687700

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.



6597751



10458331



11836245

Square

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



10458331



14713724



9479517



44991

Rectangle

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



10458331



14254763



9479517



4304782

Sweetspot

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



10458331



15329023



9752795



7565440



0



8421504

Same Dimension

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



10458331



11246847



12752091



6579054



1769645



458798

Inverse Universe

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



14390480



16751856



11393940



7234412



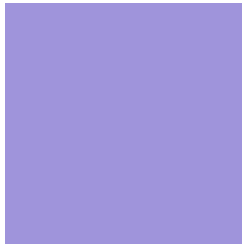
11337875



3014695

Previews

White Background



This preview shows how the Decimal color 10458331 looks on a white background.

Color Contrast Check

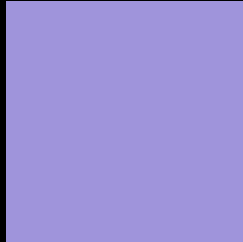
Large Text (above 18pt) WCAG AA × Fail

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 10458331 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 10458331 Background



This preview shows how black text looks on a background with the Decimal color 10458331.



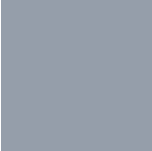
This preview shows how white text looks on a background with the Decimal color 10458331.

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



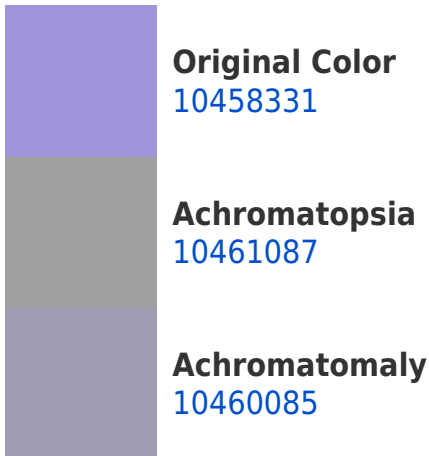


Tritanopia
9805482

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 10458331 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 #9F94DB looks like.

```
.text, #text, p{  
  color:#9F94DB  
}
```

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 #9F94DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F94DB
}
```

Border

The CSS property to change the border of an element to Decimal 10458331 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
#9F94DB }
```

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

```
.border{ border-color:#9F94DB }
```

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

Here you see how a box with a 4 pixel #9F94DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F94DB; -webkit-box-shadow:4px 4px  
4px 4px #9F94DB; box-shadow:4px 4px 4px  
4px #9F94DB }
```

Background

The CSS property to change the background color of an element to Decimal 10458331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F94DB }
```

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

```
.background{ background-color:#9F94DB }
```

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