

Converting Colors

Decimal(10004169)

Have a look what the booklet for
Decimal(10004169) contains.

Decimal(10004169)	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(10004169)

Conversions

Conversions Part 1

Format	Color
Hex	98A6C9
RGB	152, 166, 201
RGB Percent	60%, 65%, 79%
CMY	0.4039, 0.3490, 0.2118
CMYK	0.24, 0.17, 0.00, 0.21
HSL	223°, 31%, 69%
HSV	223°, 24%, 79%
XYZ	37.1277, 38.1649, 60.6681
YIQ	165.8040, -19.5790, 7.9170

Conversions

Conversions Part 2

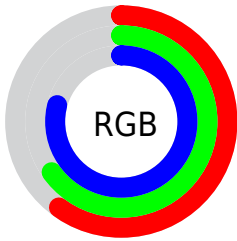
Format	Color
RYB	152, 163, 201
Decimal	10004169
CIELab	68.14, 2.82, -19.50
CIElCh	68, 19.705, 278.232
Yxy	38.1649, 0.2731, 0.2807
Android (android.graphics.Color)	4288194249 (0xFF98A6C9)
YUV	165.8040, 17.3516, -12.1061
Hunter-Lab	61.7777, -0.8345, -14.9806

Details

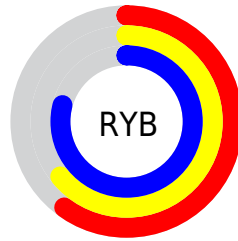
The Decimal color **10004169** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **13220760**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **13622783**, and **6582931** is the 20% darker color. If you saturate the color by 10%, you get **8689865**, and if you desaturate by 10%, it is **11318473**.

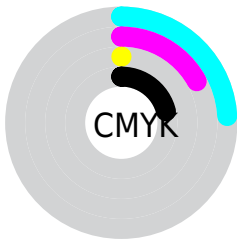
Distribution



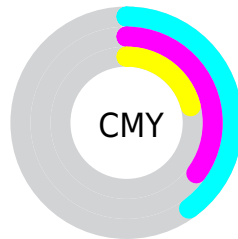
- Red (60%)
- Green (65%)
- Blue (79%)



- Red (60%)
- Yellow (64%)
- Blue (79%)



- Cyan (24%)
- Magenta (17%)
- Yellow (0%)
- Black (21%)



- Cyan (40%)
- Magenta (35%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10004169 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 10004169 by changing the saturation by 10% instead.

■ 10004169

■ 10004169

16777215

■ 8293550

■ 13622783

■ 6582931

■ 15465215

■ 4938361

■ 3359328

■ 1780808

■ 137266

■ 541

■ 0

■ 10004169

■ 10004169

■ 8689865

■ 11318473

■ 7375305

■ 12633033

■ 6061001

■ 13947337

■ 4746697

■ 15261641

■ 3432137

■ 16641737

■ 2052297

■ 16776393

■ 737993

■ 16777161

■ 14793

Harmonies

Analogous

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



8563655



10004169



11509954

Triad

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



10004169



13212817



8892312

Complementary

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



10004169



13220760

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.



10202250



10004169



12558726

Square

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



10004169



13277858



11511427



7975083

Rectangle

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



10004169



12360889



11511427



9285267

Sweetspot

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



10004169



15594239



10013114



7698560



0



8421504

Same Dimension

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



10004169



11913983



10655945



5921891



12195



2596

Inverse Universe

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



13211814



16758218



12568984



6511196



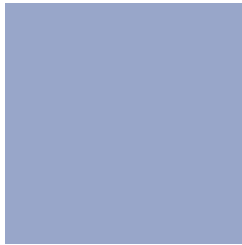
10682415



2359306

Previews

White Background



This preview shows how the Decimal color 10004169 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 10004169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

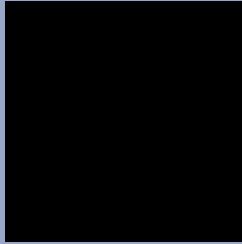
Any Text WCAG AA ✓ Pass

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 10004169 Background



This preview shows how black text looks on a background with the Decimal color 10004169.



This preview shows how white text looks on a background with the Decimal color 10004169.

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
10004169

Protanopia
10396872

Deuteranopia
10789578



Tritanopia
9742775

Trichromacy



Original Color
10004169

Protanomaly
10266056

Deuteranomaly
10527690

Tritanomaly
9808062

Monochromacy



Original Color
10004169

Achromatopsia
10921638

Achromatomaly
10593971

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10004169 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 #98A6C9 looks like.

```
.text, #text, p{  
  color:#98A6C9  
}
```

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 #98A6C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98A6C9
}
```

Border

The CSS property to change the border of an element to Decimal 10004169 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
#98A6C9 }
```

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

```
.border{ border-color:#98A6C9 }
```

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

Here you see how a box with a 4 pixel #98A6C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98A6C9; -webkit-box-shadow:4px 4px  
4px 4px #98A6C9; box-shadow:4px 4px 4px  
4px #98A6C9 }
```

Background

The CSS property to change the background color of an element to Decimal 10004169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98A6C9 }
```

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

```
.background{ background-color:#98A6C9 }
```

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