

Converting Colors

Decimal(9876677)

Have a look what the booklet for
Decimal(9876677) contains.

Decimal(9876677)	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(9876677)

Conversions

Conversions Part 1

Format	Color
Hex	96B4C5
RGB	150, 180, 197
RGB Percent	59%, 71%, 77%
CMY	0.4118, 0.2941, 0.2275
CMYK	0.24, 0.09, 0.00, 0.23
HSL	202°, 29%, 68%
HSV	202°, 24%, 77%
XYZ	38.9770, 43.1578, 59.0993
YIQ	172.9680, -23.3370, -1.0730

Conversions

Conversions Part 2

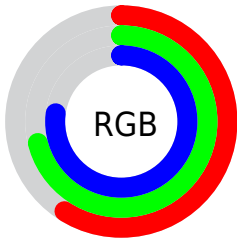
Format	Color
RYB	150, 168, 197
Decimal	9876677
CIELab	71.66, -6.38, -12.00
CIELCh	72, 13.593, 242.005
Yxy	43.1578, 0.2760, 0.3056
Android (android.graphics.Color)	4288066757 (0xFF96B4C5)
YUV	172.9680, 11.8478, -20.1429
Hunter-Lab	65.6946, -9.0604, -7.3515

Details

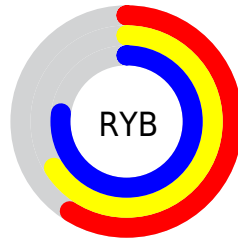
The Decimal color **9876677** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **12953494**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **13495550**, and **6455183** is the 20% darker color. If you saturate the color by 10%, you get **8564165**, and if you desaturate by 10%, it is **11189189**.

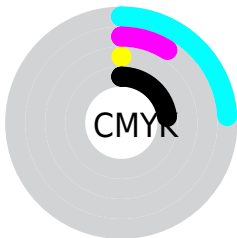
Distribution



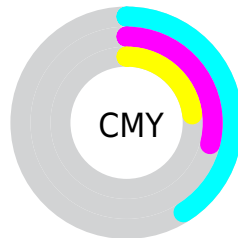
- Red (59%)
- Green (71%)
- Blue (77%)



- Red (59%)
- Yellow (66%)
- Blue (77%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)
- Black (23%)



- Cyan (41%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9876677 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 9876677 by changing the saturation by 10% instead.

■ 9876677

■ 9876677

16777215

■ 8165802

■ 13495550

■ 6455183

■ 15335423

■ 4810358

■ 3231325

■ 1652549


















■ 8751

■ 3099

■ 0

■ 9876677

■ 9876677

 8564165	 11189189
 7317189	 12436165
 6004677	 13748677
 4691909	 15061445
 3444933	 16373957
 2132421	 16768965
 819909	 16770757
 32453	 16772549
	 16774341

Harmonies

Analogous

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



9483964



9876677



10727624

Triad

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



9876677



13215663



11252634

Complementary

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



9876677



12953494

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.



12169111



9876677



13281443

Square

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



9876677



12691899



12888986



10335908

Rectangle

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



9876677



11448006



12888986



11580057

Sweetspot

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



9876677



15596031



9880998



7699584



0



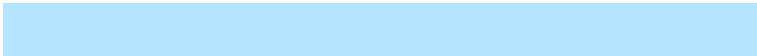
8421504

Same Dimension

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



9876677



11920639



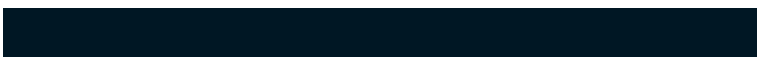
9870789



5922915



26787



5924

Inverse Universe

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



12949172



16758244



12959382



6511200



10682472



2359319

Previews

White Background



This preview shows how the Decimal color 9876677 looks on a white background.

Color Contrast Check

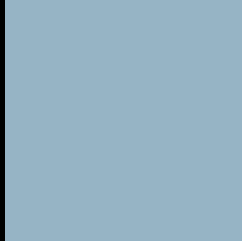
Large Text (above 18pt) WCAG AA × Fail

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 9876677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

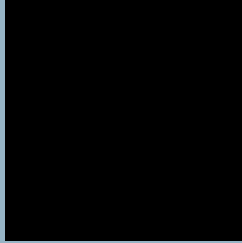
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

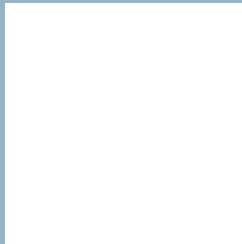
Any Text WCAG AAA ✓ Pass

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

Decimal 9876677 Background



This preview shows how black text looks on a background with the Decimal color 9876677.



This preview shows how white text looks on a background with the Decimal color 9876677.

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](#).

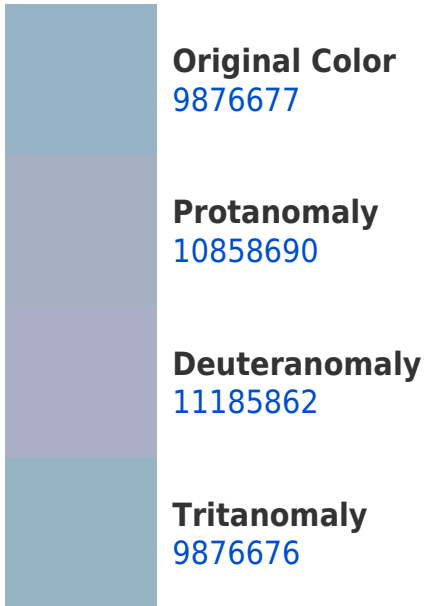
Dichromacy



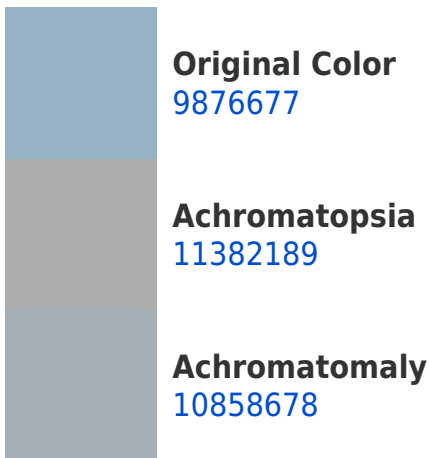


Tritanopia
9876675

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 9876677 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 #96B4C5 looks like.

```
.text, #text, p{  
    color:#96B4C5  
}
```

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 #96B4C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96B4C5
}
```

Border

The CSS property to change the border of an element to Decimal 9876677 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
#96B4C5 }
```

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

```
.border{ border-color:#96B4C5 }
```

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

Here you see how a box with a 4 pixel #96B4C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96B4C5; -webkit-box-shadow:4px 4px  
4px 4px #96B4C5; box-shadow:4px 4px 4px  
4px #96B4C5 }
```

Background

The CSS property to change the background color of an element to Decimal 9876677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96B4C5 }
```

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

```
.background{ background-color:#96B4C5 }
```

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