

# Converting Colors

Decimal(9676954)

Have a look what the booklet for  
Decimal(9676954) contains.

<b>Decimal(9676954)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(9676954)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93A89A
RGB	147, 168, 154
RGB Percent	58%, 66%, 60%
CMY	0.4235, 0.3412, 0.3961
CMYK	0.13, 0.00, 0.08, 0.34
HSL	140°, 11%, 62%
HSV	140°, 13%, 66%
XYZ	31.8680, 36.5414, 35.9454
YIQ	160.1250, -8.0220, -8.8060

# Conversions

## Conversions Part 2

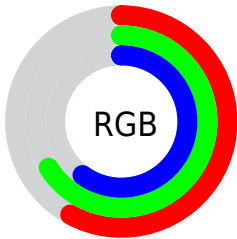
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 163, 168
Decimal	9676954
CIELab	66.93, -10.11, 4.76
CIElCh	67, 11.171, 154.786
Yxy	36.5414, 0.3054, 0.3502
Android (android.graphics.Color)	4287867034 (0xFF93A89A)
YUV	160.1250, -3.0196, -11.5106
Hunter-Lab	60.4495, -11.6843, 7.0587

# Details

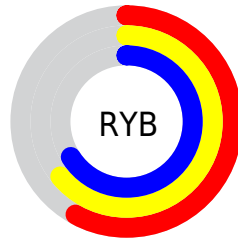
The Decimal color **9676954** is a light color, and the websafe version is hex **999999**. A complement of this color would be **11047841**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **13230032**, and **6321255** is the 20% darker color. If you saturate the color by 10%, you get **8562831**, and if you desaturate by 10%, it is **10791077**.

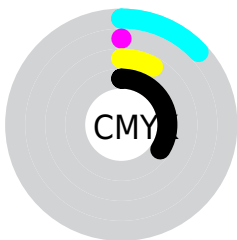
# Distribution



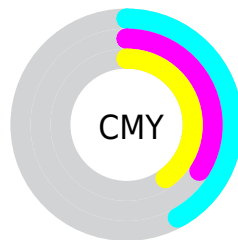
- Red (58%)
- Green (66%)
- Blue (60%)



- Red (58%)
- Yellow (64%)
- Blue (66%)



- Cyan (13%)
- Magenta (0%)
- Yellow (8%)
- Black (34%)



- Cyan (42%)
- Magenta (34%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9676954 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 9676954 by changing the saturation by 10% instead.



■ 9676954

■ 9676954

16777215

■ 7966336

■ 13230032

■ 6321255

■ 15072493

■ 4741967

■ 3294264

■ 1846819

■ 268557

■ 0

■ 9676954

■ 9676954

■ 8562831

■ 10791077

 7448708

 11905200

 6400120

 12953788

 5285997

 14067911

 4171874

 15182034

 3057751

 16296157

 1943628

 16754920

 895040

 16754932

 43064

 16754943

# Harmonies

## Analogous

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



10397330



9676954



9152932

# Triad

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



9676954



10134455



12098968

# Complementary

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



9676954



11047841

# 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.



12098722



9676954



10985651

# Square

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



9676954



9414325



11705772



11771793

# Rectangle

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



9676954



9087403



11705772



12164251



# Sweetspot

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



9676954



13884373



10594451



6844010



15592941



7237230



# Same Dimension

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



9676954



12245957



9676964



5002319



37937



5127



# Inverse Universe

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



11047841



14400208



11047830



5524561



9699427



1310734



# Previews

## White Background



This preview shows how the Decimal color 9676954 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 9676954 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

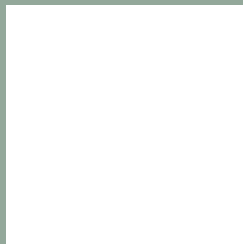
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 9676954 Background



This preview shows how black text looks on a background with the Decimal color 9676954.



This preview shows how white text looks on a background with the Decimal color 9676954.

# 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**  
9938354

# Trichromacy



**Original Color**  
9676954

**Protanomaly**  
10527896

**Deuteranomaly**  
11116955

**Tritanomaly**  
9873065

# Monochromacy



**Original Color**  
9676954

**Achromatopsia**  
10526880

**Achromatomaly**  
10199966

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9676954 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 #93A89A looks like.

```
.text, #text, p{  
    color:#93A89A  
}
```

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 #93A89A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93A89A
}
```

## Border

The CSS property to change the border of an element to Decimal 9676954 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
#93A89A }
```

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

```
.border{ border-color:#93A89A }
```

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

Here you see how a box with a 4 pixel #93A89A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93A89A; -webkit-box-shadow:4px 4px  
4px 4px #93A89A; box-shadow:4px 4px 4px  
4px #93A89A }
```

# Background

The CSS property to change the background color of an element to Decimal 9676954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93A89A }
```

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

```
.background{ background-color:#93A89A }
```

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