

# Converting Colors

Decimal(9813152)

Have a look what the booklet for  
Decimal(9813152) contains.

<b>Decimal(9813152)</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(9813152)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95BCA0
RGB	149, 188, 160
RGB Percent	58%, 74%, 63%
CMY	0.4157, 0.2627, 0.3725
CMYK	0.21, 0.00, 0.15, 0.26
HSL	137°, 23%, 66%
HSV	137°, 21%, 74%
XYZ	36.7228, 44.8941, 39.9876
YIQ	173.1470, -14.2560, -16.9760

# Conversions

## Conversions Part 2

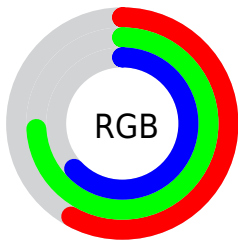
Format	Color
<a href="#">RYB</a>	<a href="#">149, 179, 188</a>
Decimal	<a href="#">9813152</a>
CIELab	<a href="#">72.82, -18.69, 9.92</a>
CIElCh	<a href="#">73, 21.154, 152.044</a>
Yxy	<a href="#">44.8941, 0.3020, 0.3692</a>
Android (android.graphics.Color)	<a href="#">4288003232 (0xFF95BCA0)</a>
YUV	<a href="#">173.1470, -6.4815, -21.1769</a>
Hunter-Lab	<a href="#">67.0030, -19.4236, 11.5177</a>

# Details

The Decimal color **9813152** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **12359089**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **13432023**, and **6457197** is the 20% darker color. If you saturate the color by 10%, you get **8567955**, and if you desaturate by 10%, it is **11058349**.

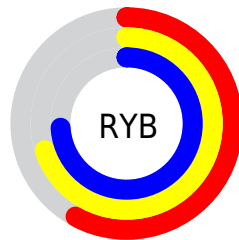
# Distribution



Red (58%)

Green (74%)

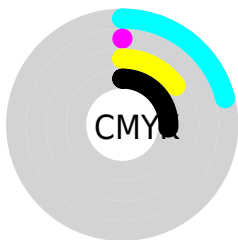
Blue (63%)



Red (58%)

Yellow (70%)

Blue (74%)

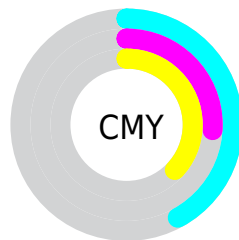


Cyan (21%)

Magenta (0%)

Yellow (15%)

Black (26%)



Cyan (42%)

Magenta (26%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9813152 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 9813152 by changing the saturation by 10% instead.



■ 9813152

■ 9813152

16777215

■ 8102278

■ 13432023

■ 6457197

■ 15269875

■ 4812116

■ 3298621

■ 1785127

■ 272147

■ 4608

■ 0

■ 9813152

■ 9813152

 8567955

 11058349

 7322757

 12303547

 6143096

 13483208

 4897898

 14728406

 3652701

 15973603

 2407503

 16760049

 1162306

 16760062

 48181

 16760063

# Harmonies

## Analogous

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



11253906



9813152



8634035

# Triad

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



9813152



10400985



14329759

# Complementary

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



9813152



12359089

# 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.



14263730



9813152



12103123

# Square

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



9813152



8895188



13478085



13740945

# Rectangle

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



9813152



8306368



13478085



14395045

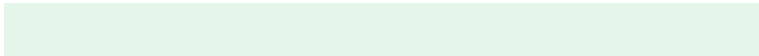


# Sweetspot

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



9813152



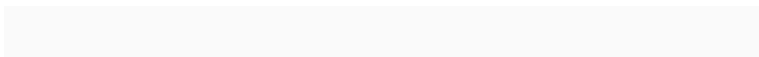
15136234



11713685



7502452



16448250



8026746

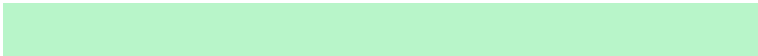


# Same Dimension

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



9813152



12121545



9813171



5594712



40493



7945



# Inverse Universe

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



12359089



16103652



12359070



6182236



10354802



2031638



# Previews

## White Background



This preview shows how the Decimal color 9813152 looks on a white background.

## Color Contrast Check

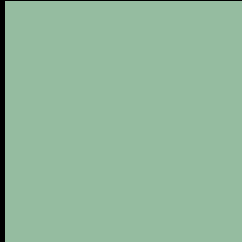
Large Text (above 18pt) WCAG AA × Fail

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 9813152 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

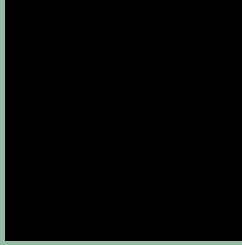
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 9813152 Background



This preview shows how black text looks on a background with the Decimal color 9813152.



This preview shows how white text looks on a background with the Decimal color 9813152.

# 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](#).

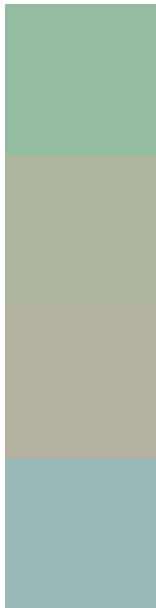
## Dichromacy





**Tritanopia**  
10270661

# Trichromacy



**Original Color**  
9813152

**Protanomaly**  
11384477

**Deuteranomaly**  
11973282

**Tritanomaly**  
10074552

# Monochromacy



**Original Color**  
9813152

**Achromatopsia**  
11382189

**Achromatomaly**  
10793640

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9813152 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 #95BCA0 looks like.

```
.text, #text, p{  
    color:#95BCA0  
}
```

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 #95BCA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95BCA0
}
```

## Border

The CSS property to change the border of an element to Decimal 9813152 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
#95BCA0 }
```

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

```
.border{ border-color:#95BCA0 }
```

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

Here you see how a box with a 4 pixel #95BCA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95BCA0; -webkit-box-shadow:4px 4px  
4px 4px #95BCA0; box-shadow:4px 4px 4px  
4px #95BCA0 }
```

# Background

The CSS property to change the background color of an element to Decimal 9813152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95BCA0 }
```

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

```
.background{ background-color:#95BCA0 }
```

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