

# Converting Colors

Decimal(9538176)

Have a look what the booklet for  
Decimal(9538176) contains.

<b>Decimal(9538176)</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(9538176)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	918A80
RGB	145, 138, 128
RGB Percent	57%, 54%, 50%
CMY	0.4314, 0.4588, 0.4980
CMYK	0.00, 0.05, 0.12, 0.43
HSL	35°, 7%, 54%
HSV	35°, 12%, 57%
XYZ	24.6618, 25.7552, 24.0935
YIQ	138.9530, 7.3820, -1.6260

# Conversions

## Conversions Part 2

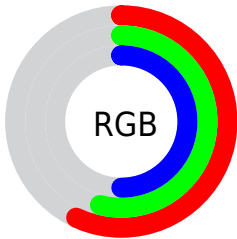
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 145, 128
Decimal	9538176
CIE <sub>Lab</sub>	57.80, 0.79, 6.28
CIE <sub>LCh</sub>	58, 6.328, 82.850
Yxy	25.7552, 0.3310, 0.3457
Android (android.graphics.Color)	4287728256 (0xFF918A80)
YUV	138.9530, -5.3998, 5.3032
Hunter-Lab	50.7496, -2.0695, 7.3766

# Details

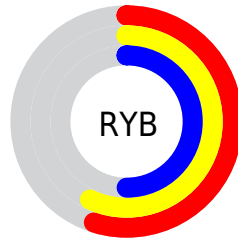
The Decimal color **9538176** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8423313**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **13090741**, and **6248527** is the 20% darker color. If you saturate the color by 10%, you get **9536626**, and if you desaturate by 10%, it is **9539727**.

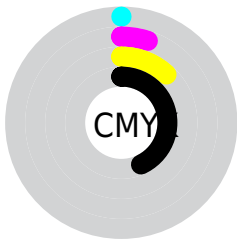
# Distribution



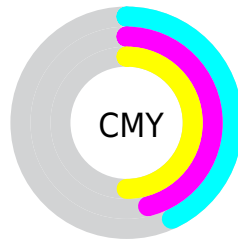
- Red (57%)
- Green (54%)
- Blue (50%)



- Red (55%)
- Yellow (57%)
- Blue (50%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (43%)



- Cyan (43%)
- Magenta (46%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9538176 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 9538176 by changing the saturation by 10% instead.





9538176



9538176

16777215



7827815



13090741



6248527



14932944



4669752



16775405



3156771



1840653



0



9538176



9538176



9536626



9539727



9535075



9541277

■ 9533525

■ 9542827

■ 9531974

■ 9544378

■ 9530424

■ 9545929

■ 9528873

■ 9547479

■ 9527323

■ 9549030

■ 9525772

■ 9550580

■ 9524480

■ 9552127

# Harmonies

## Analogous

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



9799810



9538176



9145473

# Triad

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



9538176



8228495



9537682

# Complementary

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



9538176



8423313

# 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.



9079445



9538176



8359315

# Square

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



9538176



8425097



8686742



9865100

# Rectangle

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



9538176



8883587



8686742



9406867



# Sweetspot

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



9538176



12434101



9535623



6184026



14606046



6184542



# Same Dimension

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



9538176



12432034



9474432



4670528



8867584



525312



# Inverse Universe

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



8423313



10661309



8487057



4211527



14471



776



# Previews

## White Background



This preview shows how the Decimal color 9538176 looks on a white background.

## Color Contrast Check

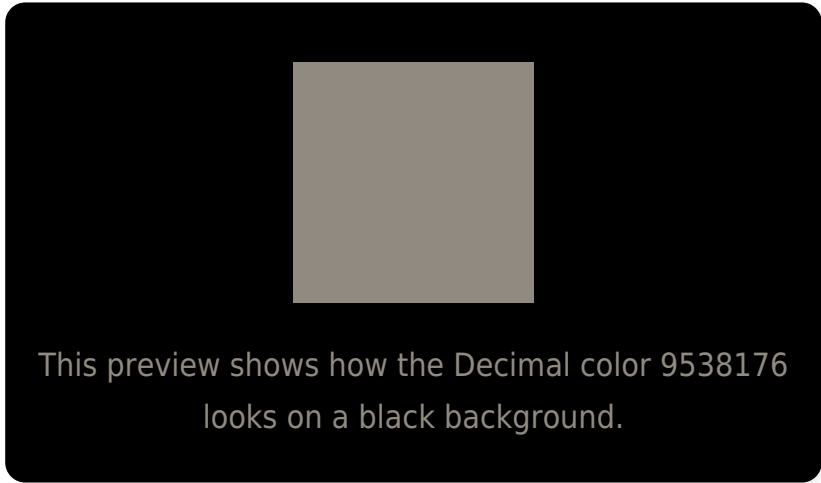
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

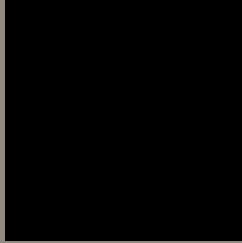
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

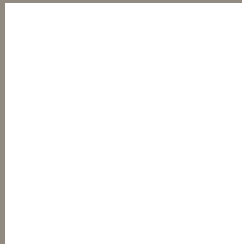
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 9538176 Background



This preview shows how black text looks on a background with the Decimal color 9538176.



This preview shows how white text looks on a background with the Decimal color 9538176.

# 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**  
9538176

**Protanopia**  
9472640

**Deuteranopia**  
10258049



**Tritanopia**  
9668498

# Trichromacy



**Original Color**  
9538176

**Protanomaly**  
9472640

**Deuteranomaly**  
9996161

**Tritanomaly**  
9603211

# Monochromacy



**Original Color**  
9538176

**Achromatopsia**  
9145227

**Achromatomaly**  
9276295

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9538176 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 #918A80 looks like.

```
.text, #text, p{  
    color:#918A80  
}
```

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 #918A80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #918A80
}
```

## Border

The CSS property to change the border of an element to Decimal 9538176 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
#918A80 }
```

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

```
.border{ border-color:#918A80 }
```

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

Here you see how a box with a 4 pixel #918A80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #918A80; -webkit-box-shadow:4px 4px  
4px 4px #918A80; box-shadow:4px 4px 4px  
4px #918A80 }
```

# Background

The CSS property to change the background color of an element to Decimal 9538176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#918A80 }
```

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

```
.background{ background-color:#918A80 }
```

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