

# Converting Colors

Decimal(9096338)

Have a look what the booklet for  
Decimal(9096338) contains.

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**Color**

**Decimal(9096338)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8ACC92
RGB	138, 204, 146
RGB Percent	54%, 80%, 57%
CMY	0.4588, 0.2000, 0.4275
CMYK	0.32, 0.00, 0.28, 0.20
HSL	127°, 39%, 67%
HSV	127°, 32%, 80%
XYZ	37.2624, 50.6643, 35.0094
YIQ	177.6540, -20.7180, -32.0300

# Conversions

## Conversions Part 2

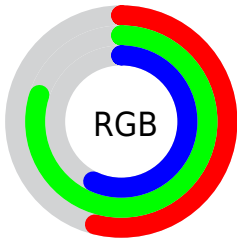
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 197, 204
Decimal	9096338
CIELab	76.48, -32.66, 22.42
CIELCh	76, 39.614, 145.524
Yxy	50.6643, 0.3031, 0.4121
Android (android.graphics.Color)	4287286418 (0xFF8ACC92)
YUV	177.6540, -15.6054, -34.7766
Hunter-Lab	71.1789, -31.1176, 20.6634

# Details

The Decimal color **9096338** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **13404868**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **12713928**, and **5608799** is the 20% darker color. If you saturate the color by 10%, you get **7785600**, and if you desaturate by 10%, it is **10407076**.

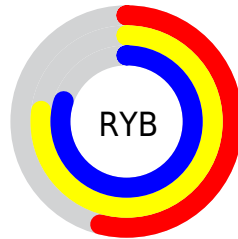
# Distribution



Red (54%)

Green (80%)

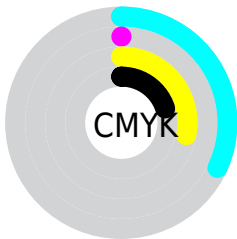
Blue (57%)



Red (54%)

Yellow (77%)

Blue (80%)

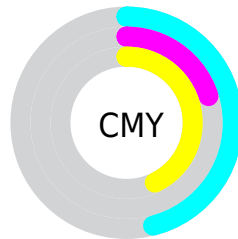


Cyan (32%)

Magenta (0%)

Yellow (28%)

Black (20%)



Cyan (46%)

Magenta (20%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9096338 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 9096338 by changing the saturation by 10% instead.





9096338



9096338

16777215



7319672



12713928



5608799



14614500



3898183



16515071



2187824



18970



12802



7936



0



9096338



9096338

 7785600

 10407076

 6409326

 11783350

 5098588

 13094088

 3722314

 14470362

 2411576

 15781100

 1100838

 16764158

 52249

 16764159

# Harmonies

## Analogous

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



11912313



9096338



5951670

# Triad

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



9096338



8372991



16753311

# Complementary

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



9096338



13404868

# 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.



16753092



9096338



12170751

# Square

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



9096338



4246520



15116519



16166018

# Rectangle

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



9096338



3789007



15116519



16753067

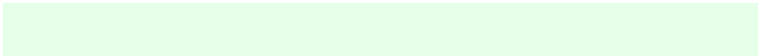


# Sweetspot

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



9096338



15138793



12897418



7372914



0



8421504

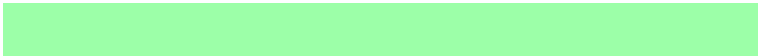


# Same Dimension

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



9096338



10289064



9096371



6055517



42516



9733



# Inverse Universe

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



13404868



16751859



13404835



6708325



10879122



2490402



# Previews

## White Background



This preview shows how the Decimal color 9096338 looks on a white background.

## Color Contrast Check

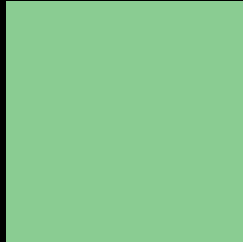
Large Text (above 18pt) WCAG AA × Fail

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 9096338 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

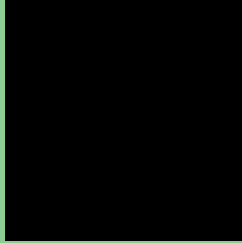
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 9096338 Background



This preview shows how black text looks on a background with the Decimal color 9096338.



This preview shows how white text looks on a background with the Decimal color 9096338.

# 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



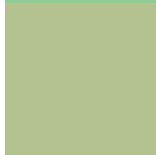


**Tritanopia**  
9880787

# Trichromacy



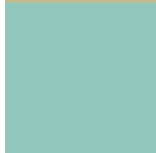
**Original Color**  
9096338



**Protanomaly**  
11780750



**Deuteranomaly**  
12500373



**Tritanomaly**  
9619387

# Monochromacy



**Original Color**  
9096338



**Achromatopsia**  
11711154



**Achromatomaly**  
10730406

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9096338 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 #8ACC92 looks like.

```
.text, #text, p{  
    color:#8ACC92  
}
```

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 #8ACC92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8ACC92
}
```

## Border

The CSS property to change the border of an element to Decimal 9096338 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
#8ACC92 }
```

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

```
.border{ border-color:#8ACC92 }
```

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

Here you see how a box with a 4 pixel #8ACC92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8ACC92; -webkit-box-shadow:4px 4px  
4px 4px #8ACC92; box-shadow:4px 4px 4px  
4px #8ACC92 }
```

# Background

The CSS property to change the background color of an element to Decimal 9096338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8ACC92 }
```

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

```
.background{ background-color:#8ACC92 }
```

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](#).



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