

# Converting Colors

Decimal(9084459)

Have a look what the booklet for  
Decimal(9084459) contains.

<b>Decimal(9084459)</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(9084459)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A9E2B
RGB	138, 158, 43
RGB Percent	54%, 62%, 17%
CMY	0.4588, 0.3804, 0.8314
CMYK	0.13, 0.00, 0.73, 0.38
HSL	70°, 57%, 39%
HSV	70°, 73%, 62%
XYZ	23.1441, 30.0314, 6.8623
YIQ	138.9100, 24.9950, -40.0050

# Conversions

## Conversions Part 2

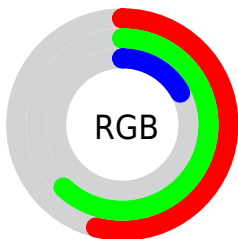
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 158, 63
Decimal	9084459
CIELab	61.68, -22.61, 54.34
CIELCh	62, 58.856, 112.587
Yxy	30.0314, 0.3855, 0.5002
Android (android.graphics.Color)	4287274539 (0xFF8A9E2B)
YUV	138.9100, -47.2836, -0.7981
Hunter-Lab	54.8009, -20.5155, 30.9362

# Details

The Decimal color **9084459** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4139934**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **12768609**, and **5532416** is the 20% darker color. If you saturate the color by 10%, you get **8887835**, and if you desaturate by 10%, it is **9281083**.

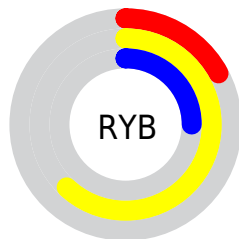
# Distribution



Red (54%)

Green (62%)

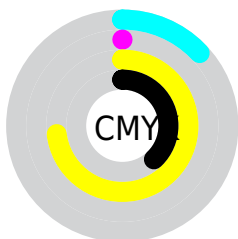
Blue (17%)



Red (17%)

Yellow (62%)

Blue (25%)

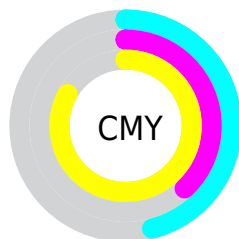


Cyan (13%)

Magenta (0%)

Yellow (73%)

Black (38%)



Cyan (46%)

Magenta (38%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9084459 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 9084459 by changing the saturation by 10% instead.



 9084459

 9084459

16777215

 7308297

 12768609

 5532416

 14676347

 3887616

 16580502

 2112256

 16777138

 206080

 16777166

 2816

 16777195

 0

 9084459

 9084459

 8887835

 9281083

■ 8756747

■ 9412171

■ 8625664

■ 9608794

■ 9805418

■ 10002042

■ 10133130

■ 10329754

■ 10526377

■ 10723001

# Harmonies

## Analogous

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



12291620



9084459



4696146

# Triad

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



9084459



43751



15558052

# Complementary

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



9084459



4139934

# 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.



13137621



9084459



40956

# Square

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



9084459



44732



8359414



15951728

# Rectangle

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



9084459



44148



8359414



14969269



# Sweetspot

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



9084459



13094817



10370603



6580557



15263976



6908265



# Same Dimension

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



9084459



11521819



5348907



5132103



7769856



855808



# Inverse Universe

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



4139934



3808207



7875486



4802383



1638543



196623



# Previews

## White Background



This preview shows how the Decimal color 9084459 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



This preview shows how the Decimal color 9084459 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 9084459 Background



This preview shows how black text looks on a background with the Decimal color 9084459.



This preview shows how white text looks on a background with the Decimal color 9084459.

# 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**  
9084459

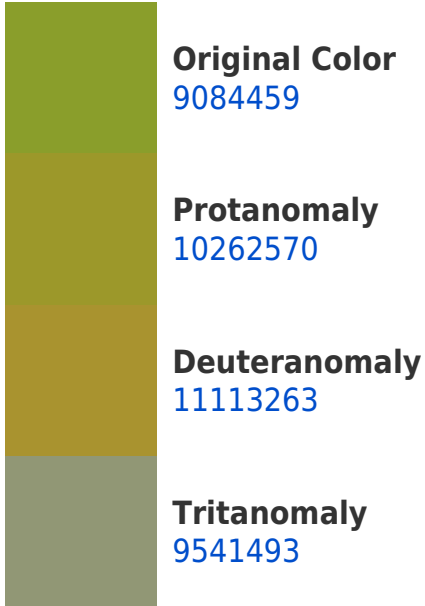
**Protanopia**  
10982697

**Deuteranopia**  
12225842

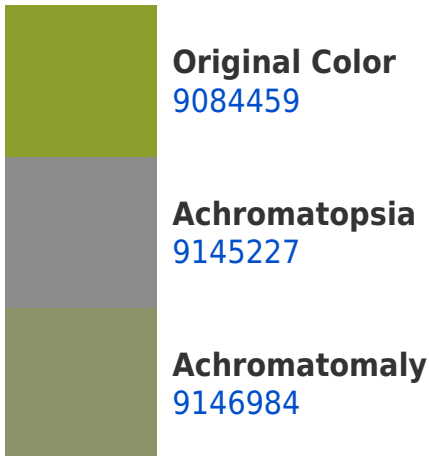


**Tritanopia**  
9802655

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9084459 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 #8A9E2B looks like.

```
.text, #text, p{  
  color:#8A9E2B  
}
```

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 #8A9E2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A9E2B
}
```

## Border

The CSS property to change the border of an element to Decimal 9084459 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
#8A9E2B }
```

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

```
.border{ border-color:#8A9E2B }
```

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

Here you see how a box with a 4 pixel #8A9E2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A9E2B; -webkit-box-shadow:4px 4px  
4px 4px #8A9E2B; box-shadow:4px 4px 4px  
4px #8A9E2B }
```

# Background

The CSS property to change the background color of an element to Decimal 9084459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A9E2B }
```

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

```
.background{ background-color:#8A9E2B }
```

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