

# Converting Colors

Decimal(9159001)

Have a look what the booklet for  
Decimal(9159001) contains.

<b>Decimal(9159001)</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(9159001)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8BC159
RGB	139, 193, 89
RGB Percent	55%, 76%, 35%
CMY	0.4549, 0.2431, 0.6510
CMYK	0.28, 0.00, 0.54, 0.24
HSL	91°, 46%, 55%
HSV	91°, 54%, 76%
XYZ	31.5206, 44.3502, 16.3503
YIQ	164.9980, 1.2000, -43.7920

# Conversions

## Conversions Part 2

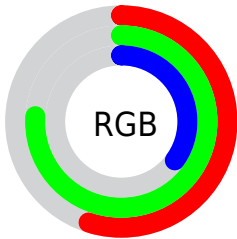
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 193, 143
Decimal	9159001
CIE Lab	72.46, -35.21, 46.22
CIE LCh	72, 58.101, 127.304
Yxy	44.3502, 0.3418, 0.4809
Android (android.graphics.Color)	4287349081 (0xFF8BC159)
YUV	164.9980, -37.4670, -22.8002
Hunter-Lab	66.5959, -32.0568, 32.0605

# Details

The Decimal color **9159001** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **9394625**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **12843662**, and **5606181** is the 20% darker color. If you saturate the color by 10%, you get **8503622**, and if you desaturate by 10%, it is **9814380**.

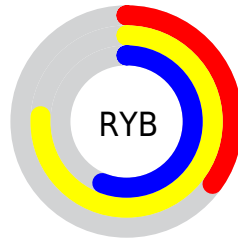
# Distribution



Red (55%)

Green (76%)

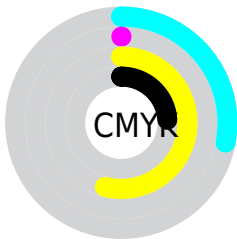
Blue (35%)



Red (35%)

Yellow (76%)

Blue (56%)

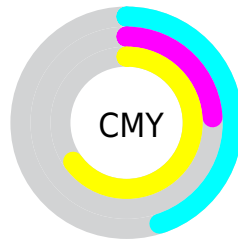


Cyan (28%)

Magenta (0%)

Yellow (54%)

Black (24%)



Cyan (45%)

Magenta (24%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9159001 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 9159001 by changing the saturation by 10% instead.





9159001



9159001

16777215



7382591



12843662



5606181



14745513



3895557



16646085



2054144



16777185



16384

16777214



10752



4096



0



9159001



9159001

8503622

9814380

7848242

10469760

7192863

11125139

6537484

11780518

6144256

12435898

13091277

13746656

14402035

15057407

# Harmonies

## Analogous

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



12825410



9159001



3524999

# Triad

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



9159001



49919



16745383

# Complementary

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



9159001



9394625

# 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.



16616156



9159001



6796287

# Square

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



9159001



51953



13016831



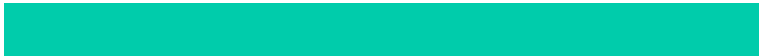
16747892

# Rectangle

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



9159001



52395



13016831



16745401

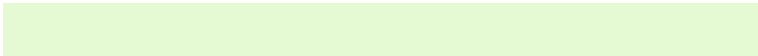


# Sweetspot

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



9159001



15071954



12685145



7437669



16579836



8224125



# Same Dimension

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



9159001



10943063



5882203



6054231



5087488



1057024



# Inverse Universe

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



9394625



11294714



12671423



6051681



5439649



1114145



# Previews

## White Background



This preview shows how the Decimal color 9159001 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 9159001 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 9159001 Background



This preview shows how black text looks on a background with the Decimal color 9159001.



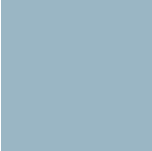
This preview shows how white text looks on a background with the Decimal color 9159001.

# 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](#).

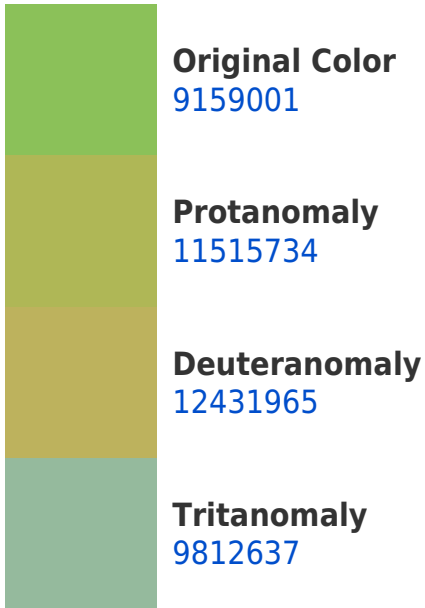
## Dichromacy





**Tritanopia**  
10139332

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9159001 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 #8BC159 looks like.

```
.text, #text, p{  
    color:#8BC159  
}
```

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 #8BC159 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BC159
}
```

## Border

The CSS property to change the border of an element to Decimal 9159001 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
#8BC159 }
```

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

```
.border{ border-color:#8BC159 }
```

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

Here you see how a box with a 4 pixel #8BC159 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BC159; -webkit-box-shadow:4px 4px  
4px 4px #8BC159; box-shadow:4px 4px 4px  
4px #8BC159 }
```

# Background

The CSS property to change the background color of an element to Decimal 9159001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BC159 }
```

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

```
.background{ background-color:#8BC159 }
```

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