

# Converting Colors

Decimal(1872455)

Have a look what the booklet for  
Decimal(1872455) contains.

<b>Decimal(1872455)</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(1872455)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C9247
RGB	28, 146, 71
RGB Percent	11%, 57%, 28%
CMY	0.8902, 0.4275, 0.7216
CMYK	0.81, 0.00, 0.51, 0.43
HSL	142°, 68%, 34%
HSV	142°, 81%, 57%
XYZ	11.8951, 21.2596, 9.4378
YIQ	102.1680, -46.2530, -48.3410

# Conversions

## Conversions Part 2

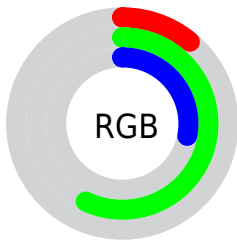
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 114, 146
Decimal	1872455
CIE <sub>Lab</sub>	53.23, -48.32, 30.85
CIE <sub>LCh</sub>	53, 57.327, 147.438
Yxy	21.2596, 0.2793, 0.4991
Android (android.graphics.Color)	4280062535 (0xFF1C9247)
YUV	102.1680, -15.3658, -65.0453
Hunter-Lab	46.1081, -34.6392, 20.1397

# Details

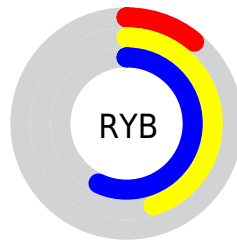
The Decimal color **1872455** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9575527**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **6211961**, and **24088** is the 20% darker color. If you saturate the color by 10%, you get **889406**, and if you desaturate by 10%, it is **2855504**.

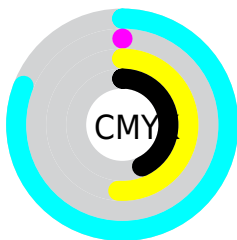
# Distribution



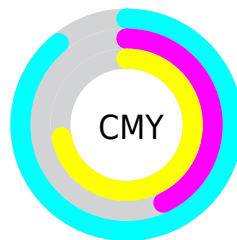
- Red (11%)
- Green (57%)
- Blue (28%)



- Red (11%)
- Yellow (45%)
- Blue (57%)



- Cyan (81%)
- Magenta (0%)
- Yellow (51%)
- Black (43%)



- Cyan (89%)
- Magenta (43%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1872455 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 1872455 by changing the saturation by 10% instead.





1872455



1872455

16777215



30767



6211961



24088



8054419



17664



9961390



12032



11861962



4864



13762534



0



15728639



1872455



1872455



889406



2855504

■ 37429

■ 3773018

■ 4756067

■ 5673580

■ 6656629

■ 7639679

■ 8557192

■ 9540241

■ 10457755

# Harmonies

## Analogous

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



7047708



1872455



38521

# Triad

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



1872455



34530



13980757

# Complementary

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



1872455



9575527

# 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.



13913989



1872455



7828695

# Square

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



1872455



37330



11951797



12609578

# Rectangle

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



1872455



38555



11951797



14176357



# Sweetspot

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



1872455



9420192



6918684



4415053



14606046



6184542



# Same Dimension

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



1872455



441672



1872512



4409925



35378



2564



# Inverse Universe

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



9575527



12387962



9575470



4866887



9044056



655366



# Previews

## White Background



This preview shows how the Decimal color 1872455 looks on a white background.

## Color Contrast Check

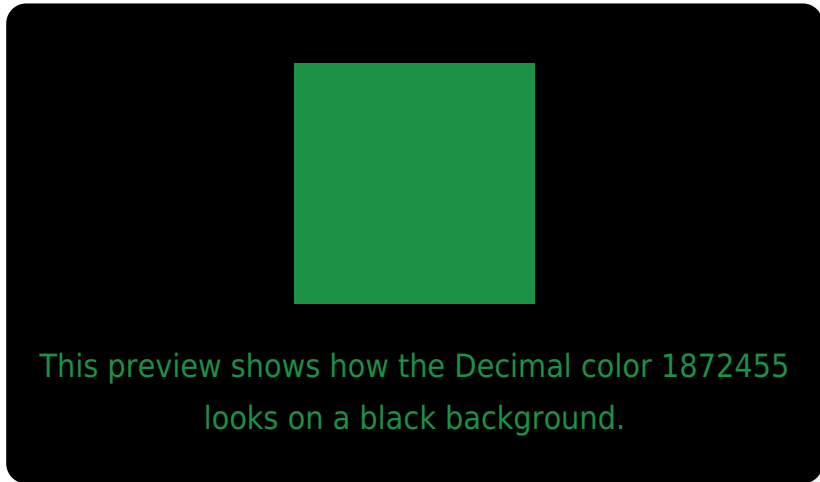
Large Text (above 18pt) WCAG AA ✓ Pass

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

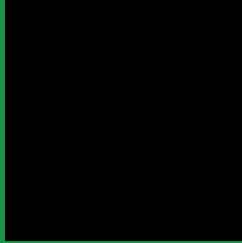
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 1872455 Background



This preview shows how black text looks on a background with the Decimal color 1872455.




This preview shows how white text looks on a background with the Decimal color 1872455.

# 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](#).

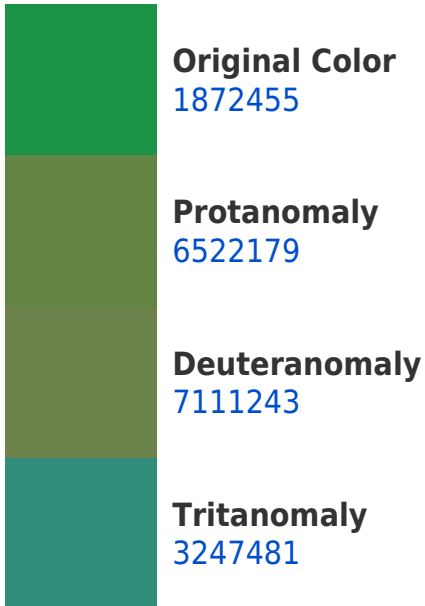
## Dichromacy



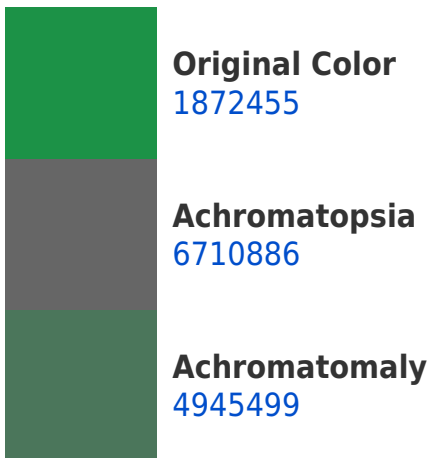


**Tritanopia**  
4033173

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1872455 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 #1C9247 looks like.

```
.text, #text, p{  
  color:#1C9247  
}
```

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 #1C9247 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C9247
}
```

## Border

The CSS property to change the border of an element to Decimal 1872455 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
#1C9247 }
```

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

```
.border{ border-color:#1C9247 }
```

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

Here you see how a box with a 4 pixel #1C9247 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C9247; -webkit-box-shadow:4px 4px  
4px 4px #1C9247; box-shadow:4px 4px 4px  
4px #1C9247 }
```

# Background

The CSS property to change the background color of an element to Decimal 1872455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C9247 }
```

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

```
.background{ background-color:#1C9247 }
```

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**