

# Converting Colors

Decimal(9817719)

Have a look what the booklet for  
Decimal(9817719) contains.

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**Color**

**Decimal(9817719)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95CE77
RGB	149, 206, 119
RGB Percent	58%, 81%, 47%
CMY	0.4157, 0.1922, 0.5333
CMYK	0.28, 0.00, 0.42, 0.19
HSL	99°, 47%, 64%
HSV	99°, 42%, 81%
XYZ	37.7955, 51.8641, 25.4715
YIQ	179.0390, -6.0450, -39.1410

# Conversions

## Conversions Part 2

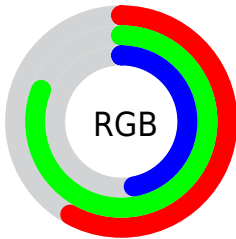
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">119, 206, 176</a>
Decimal	<a href="#">9817719</a>
CIELab	<a href="#">77.20, -34.04, 37.46</a>
CIELCh	<a href="#">77, 50.614, 132.266</a>
Yxy	<a href="#">51.8641, 0.3283, 0.4505</a>
Android (android.graphics.Color)	<a href="#">4288007799 (0xFF95CE77)</a>
YUV	<a href="#">179.0390, -29.5992, -26.3442</a>
Hunter-Lab	<a href="#">72.0167, -32.3497, 29.4415</a>

# Details

The Decimal color **9817719** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **11565006**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **13500332**, and **6330181** is the 20% darker color. If you saturate the color by 10%, you get **8965730**, and if you desaturate by 10%, it is **10669708**.

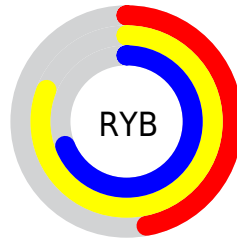
# Distribution



Red (58%)

Green (81%)

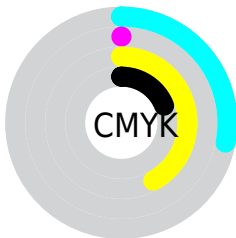
Blue (47%)



Red (47%)

Yellow (81%)

Blue (69%)

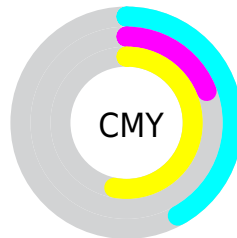


Cyan (28%)

Magenta (0%)

Yellow (42%)

Black (19%)



Cyan (42%)

Magenta (19%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9817719 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 9817719 by changing the saturation by 10% instead.



 9817719

 9817719

16777215

 8041053

 13500332

 6330181

 15400904

 4554028

 16777188

 2843667

 871168

 13312

 8448

 0

 9817719

 9817719

■ 8965730

■ 10669708

■ 8048206

■ 11587232

■ 7196217

■ 12439221

■ 6278693

■ 13356745

■ 5426704

■ 14208734

■ 4705792

■ 15126259

■ 15978239

■ 16764671

# Harmonies

## Analogous

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



13222496



9817719



5363105

# Triad

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



9817719



1035263



16750765

# Complementary

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



9817719



11565006

# 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.



16751836



9817719



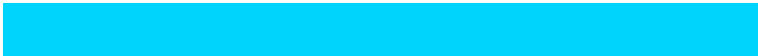
9813503

# Square

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



9817719



54524



14461951



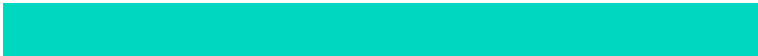
16753282

# Rectangle

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



9817719



55233



14461951



16750781

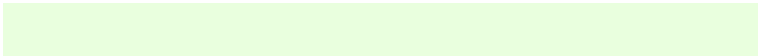


# Sweetspot

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



9817719



15335390



13545591



7503979



0



8421504

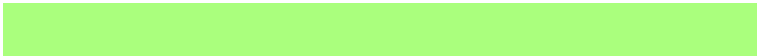


# Same Dimension

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



9817719



11206525



7851652



6252124



3778048



861696



# Inverse Universe

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



11565006



13794815



13531073



6446182



7143590



1638438



# Previews

## White Background



This preview shows how the Decimal color 9817719 looks on a white background.

## Color Contrast Check

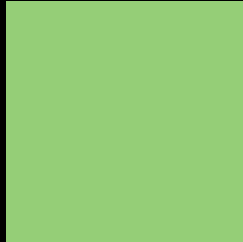
Large Text (above 18pt) WCAG AA × Fail

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 9817719 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 9817719 Background



This preview shows how black text looks on a background with the Decimal color 9817719.

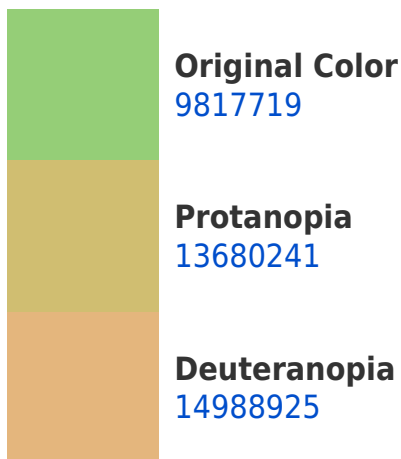


This preview shows how white text looks on a background with the Decimal color 9817719.

# 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**  
10798035

# Trichromacy



**Original Color**  
9817719



**Protanomaly**  
12305523



**Deuteranomaly**  
13090683



**Tritanomaly**  
10471346

# Monochromacy



**Original Color**  
9817719



**Achromatopsia**  
11776947



**Achromatomaly**  
11058589

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9817719 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 #95CE77 looks like.

```
.text, #text, p{  
  color:#95CE77  
}
```

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 #95CE77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95CE77
}
```

## Border

The CSS property to change the border of an element to Decimal 9817719 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
#95CE77 }
```

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

```
.border{ border-color:#95CE77 }
```

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

Here you see how a box with a 4 pixel #95CE77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95CE77; -webkit-box-shadow:4px 4px  
4px 4px #95CE77; box-shadow:4px 4px 4px  
4px #95CE77 }
```

# Background

The CSS property to change the background color of an element to Decimal 9817719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95CE77 }
```

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

```
.background{ background-color:#95CE77 }
```

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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