

Converting Colors

Decimal(10079339)

Have a look what the booklet for
Decimal(10079339) contains.

Decimal(10079339)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(10079339)

Conversions

Conversions Part 1

Format	Color
Hex	99CC6B
RGB	153, 204, 107
RGB Percent	60%, 80%, 42%
CMY	0.4000, 0.2000, 0.5804
CMYK	0.25, 0.00, 0.48, 0.20
HSL	92°, 49%, 61%
HSV	92°, 48%, 80%
XYZ	37.3836, 51.0196, 21.7874
YIQ	177.6930, 0.7410, -40.9790

Conversions

Conversions Part 2

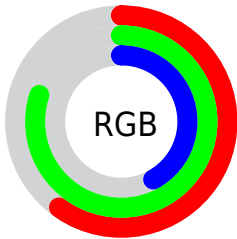
Format	Color
RYB	107, 204, 158
Decimal	10079339
CIELab	76.69, -33.19, 42.83
CIElCh	77, 54.186, 127.772
Yxy	51.0196, 0.3393, 0.4630
Android (android.graphics.Color)	4288269419 (0xFF99CC6B)
YUV	177.6930, -34.8516, -21.6558
Hunter-Lab	71.4280, -31.5767, 31.9146

Details

The Decimal color **10079339** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **10382284**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **13762464**, and **6526520** is the 20% darker color. If you saturate the color by 10%, you get **9358423**, and if you desaturate by 10%, it is **10800255**.

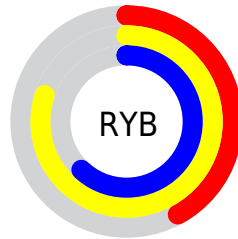
Distribution



Red (60%)

Green (80%)

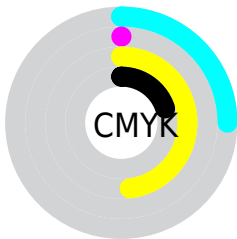
Blue (42%)



Red (42%)

Yellow (80%)

Blue (62%)

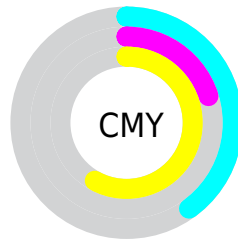


Cyan (25%)

Magenta (0%)

Yellow (48%)

Black (20%)



Cyan (40%)

Magenta (20%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10079339 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 10079339 by changing the saturation by 10% instead.



10079339



10079339

16777215



8302673



13762464



6526520



15663036



4815647



16777176



3105280



16777205



1329664



13056



7936



0



10079339



10079339

9358423

10800255

8703042

11455636

7982126

12176552

7261209

12897469

6540293

13618385

6409216

14273765

14994682

15715583

16436479

Harmonies

Analogous

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



13614934



10079339



5362838

Triad

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



10079339



52735



16749490

Complementary

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



10079339



10382284

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.



16751076



10079339



8437503

Square

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



10079339



54777



13806591



16751746

Rectangle

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



10079339



54968



13806591



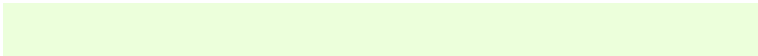
16749507

Sweetspot

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



10079339



15531995



13409643



7635050



0



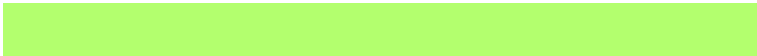
8421504

Same Dimension

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



10079339



11796334



7064685



6383196



5219840



1189376

Inverse Universe

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



10382284



12218111



13396938



6380646



5701798



1310758

Previews

White Background



This preview shows how the Decimal color 10079339 looks on a white background.

Color Contrast Check

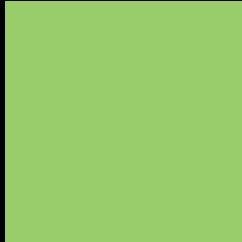
Large Text (above 18pt) WCAG AA × Fail

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 10079339 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 10079339 Background



This preview shows how black text looks on a background with the Decimal color 10079339.

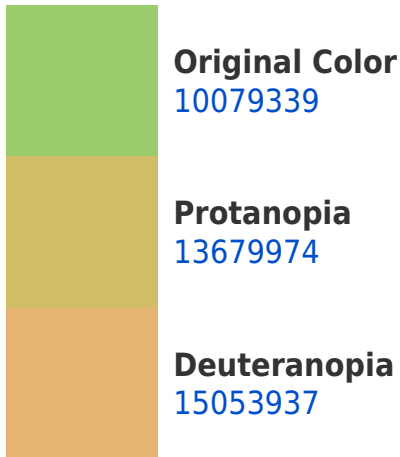


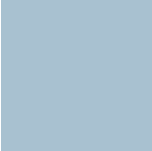
This preview shows how white text looks on a background with the Decimal color 10079339.

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



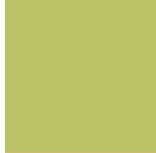


Tritanopia
11059664

Trichromacy



Original Color
10079339



Protanomaly
12370536



Deuteranomaly
13221231



Tritanomaly
10732971

Monochromacy



Original Color
10079339



Achromatopsia
11711154



Achromatomaly
11123608

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10079339 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 #99CC6B looks like.

```
.text, #text, p{  
    color:#99CC6B  
}
```

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 #99CC6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99CC6B
}
```

Border

The CSS property to change the border of an element to Decimal 10079339 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
#99CC6B }
```

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

```
.border{ border-color:#99CC6B }
```

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

Here you see how a box with a 4 pixel #99CC6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99CC6B; -webkit-box-shadow:4px 4px  
4px 4px #99CC6B; box-shadow:4px 4px 4px  
4px #99CC6B }
```

Background

The CSS property to change the background color of an element to Decimal 10079339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99CC6B }
```

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

```
.background{ background-color:#99CC6B }
```

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