

Converting Colors

Decimal(10288232)

Have a look what the booklet for
Decimal(10288232) contains.

Decimal(10288232)	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(10288232)

Conversions

Conversions Part 1

Format	Color
Hex	9CFC68
RGB	156, 252, 104
RGB Percent	61%, 99%, 41%
CMY	0.3882, 0.0118, 0.5922
CMYK	0.38, 0.00, 0.59, 0.01
HSL	99°, 96%, 70%
HSV	99°, 59%, 99%
XYZ	51.0194, 77.6882, 25.4030
YIQ	206.4240, -9.7080, -66.3800

Conversions

Conversions Part 2

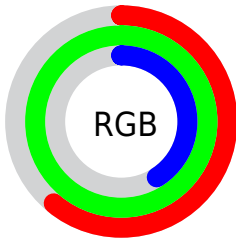
Format	Color
RYB	104, 252, 200
Decimal	10288232
CIELab	90.64, -53.29, 60.73
CIElCh	91, 80.801, 131.266
Yxy	77.6882, 0.3311, 0.5041
Android (android.graphics.Color)	4288478312 (0xFF9CFC68)
YUV	206.4240, -50.4950, -44.2218
Hunter-Lab	88.1409, -50.9238, 44.6107

Details

The Decimal color **10288232** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **13134076**, and the grayscale version is **13619151**.

A 20% lighter version of the original color is **14155679**, and **6406960** is the 20% darker color. If you saturate the color by 10%, you get **9239631**, and if you desaturate by 10%, it is **11336833**.

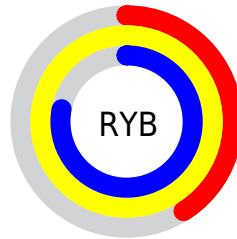
Distribution



Red (61%)

Green (99%)

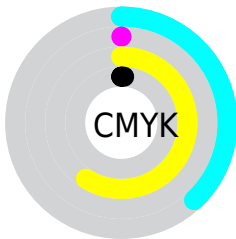
Blue (41%)



Red (41%)

Yellow (99%)

Blue (78%)

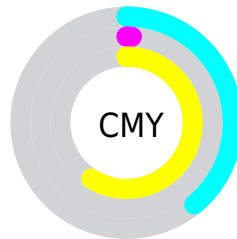


Cyan (38%)

Magenta (0%)

Yellow (59%)

Black (1%)



Cyan (39%)

















Magenta (1%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10288232 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 10288232 by changing the saturation by 10% instead.

 10288232	 10288232
 16777215	 8380236
 14155679	 6406960
 16121788	 4433672
 16777176	 2001920
 16777206	 29184
	 22528
	 16384
	 10752
	 1024

■ 10288232

■ 10288232

■ 9239631

■ 11336833

■ 8125494

■ 12450970

■ 7076892

■ 13499572

■ 6028291

■ 14548173

■ 5897216

■ 15662310

■ 16710911

■ 16776447

Harmonies

Analogous

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



15854139



10288232



65456

Triad

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



10288232



64255



16751818

Complementary

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



10288232



13134076

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.



16754175



10288232



8512511

Square

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



10288232



65535



16761855



16756866

Rectangle

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



10288232



65509



16761855



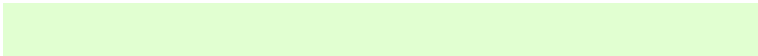
16751588

Sweetspot

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



10288232



14811089



16565864



7176291



0



8421504

Same Dimension

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



10288232



9174861



6880380



7699824



4373760



1457408

Inverse Universe

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



13134076



12602879



16541928



7958653



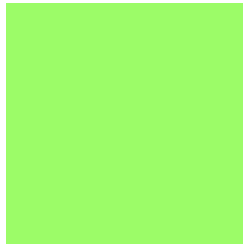
7995581



2621501

Previews

White Background



This preview shows how the Decimal color 10288232 looks on a white background.

Color Contrast Check

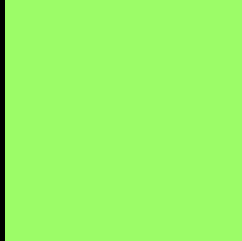
Large Text (above 18pt) WCAG AA × Fail

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 10288232 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

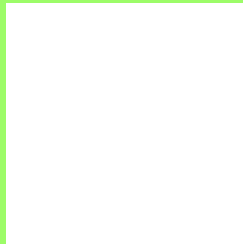
Any Text WCAG AAA ✓ Pass

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

Decimal 10288232 Background



This preview shows how black text looks on a background with the Decimal color 10288232.

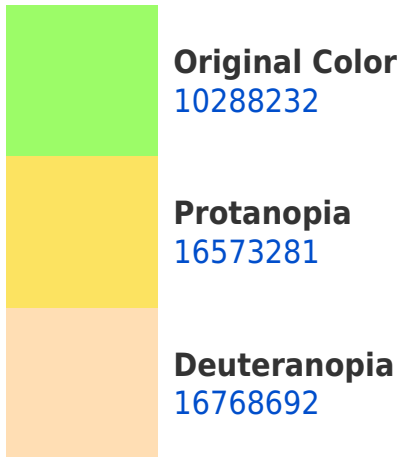



This preview shows how white text looks on a background with the Decimal color 10288232.

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



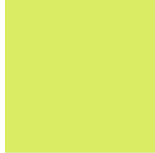


Tritanopia
11922687

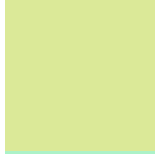
Trichromacy



Original Color
10288232



Protanomaly
14281828



Deuteranomaly
14412184

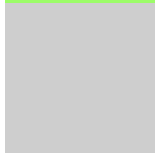


Tritanomaly
11334344

Monochromacy



Original Color
10288232



Achromatopsia
13553358



Achromatomaly
12378025

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10288232 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 #9CFC68 looks like.

```
.text, #text, p{  
    color:#9CFC68  
}
```

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 #9CFC68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CFC68
}
```

Border

The CSS property to change the border of an element to Decimal 10288232 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
#9CFC68 }
```

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

```
.border{ border-color:#9CFC68 }
```

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

Here you see how a box with a 4 pixel #9CFC68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CFC68; -webkit-box-shadow:4px 4px  
4px 4px #9CFC68; box-shadow:4px 4px 4px  
4px #9CFC68 }
```

Background

The CSS property to change the background color of an element to Decimal 10288232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CFC68 }
```

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

```
.background{ background-color:#9CFC68 }
```

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