

# Converting Colors

Decimal(10133366)

Have a look what the booklet for  
Decimal(10133366) contains.

<b>Decimal(10133366)</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(10133366)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9A9F76
RGB	154, 159, 118
RGB Percent	60%, 62%, 46%
CMY	0.3961, 0.3765, 0.5373
CMYK	0.03, 0.00, 0.26, 0.38
HSL	67°, 18%, 54%
HSV	67°, 26%, 62%
XYZ	28.9946, 32.9743, 21.9760
YIQ	152.8310, 10.1810, -13.8110

# Conversions

## Conversions Part 2

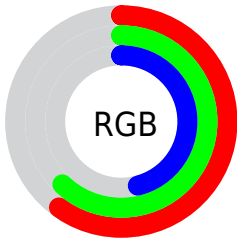
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">118, 159, 123</a>
Decimal	<a href="#">10133366</a>
<a href="#">CIELab</a>	<a href="#">64.14, -8.85, 20.86</a>
<a href="#">CIElCh</a>	<a href="#">64, 22.654, 112.983</a>
<a href="#">Yxy</a>	<a href="#">32.9743, 0.3454, 0.3928</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4288323446 (0xFF9A9F76)</a>
<a href="#">YUV</a>	<a href="#">152.8310, -17.1717, 1.0252</a>
<a href="#">Hunter-Lab</a>	<a href="#">57.4233, -10.3612, 17.5058</a>

# Details

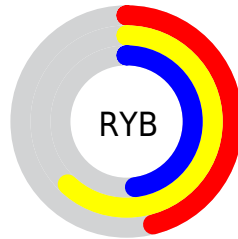
The Decimal color **10133366** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8091295**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **13751978**, and **6712389** is the 20% darker color. If you saturate the color by 10%, you get **10002278**, and if you desaturate by 10%, it is **10264454**.

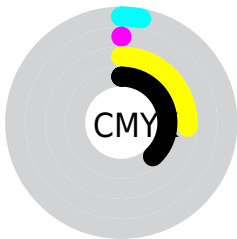
# Distribution



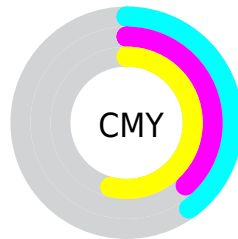
- Red (60%)
- Green (62%)
- Blue (46%)



- Red (46%)
- Yellow (62%)
- Blue (48%)



- Cyan (3%)
- Magenta (0%)
- Yellow (26%)
- Black (38%)



- Cyan (40%)
- Magenta (38%)
- Yellow (54%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 10133366 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 10133366 by changing the saturation by 10% instead.



 10133366

 10133366

16777215

 8422749

 13751978

 6712389

 15594182

 5133103


 16777186

 3619865

 2172672

 4864

 0

 10133366

 10133366

 10002278

 10264454

■ 9871190

■ 10395542

■ 9740102

■ 10526630

■ 9609014

■ 10657718

■ 9477927

■ 10788806

■ 9346839

■ 10919893

■ 9215751

■ 11050981

■ 9215744

■ 11182069

■ 11247615

# Harmonies

## Analogous

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



11507828



10133366



8627331

# Triad

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



10133366



6726843



12684705

# Complementary

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



10133366



8091295

# 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.



11637172



10133366



8167363

# Square

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



10133366



6399914



10000576



12947085

# Rectangle

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



10133366



7644815



10000576



12422824



# Sweetspot

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



10133366



13488062



10451830



6777182



15263976



6908265



# Same Dimension

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



10133366



13094799



8822646



5132103



8228608



855808



# Inverse Universe

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



8091295



9867215



9402015



4736847



1114255



131087



# Previews

## White Background



This preview shows how the Decimal color 10133366 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 10133366 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

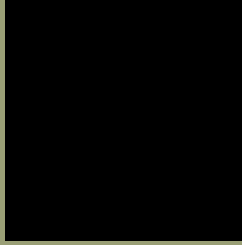
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

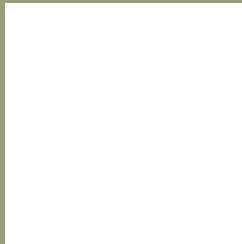
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 10133366 Background



This preview shows how black text looks on a background with the Decimal color 10133366.



This preview shows how white text looks on a background with the Decimal color 10133366.

# 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



**Original Color**  
10133366

**Protanopia**  
10918772

**Deuteranopia**  
11965816



**Tritanopia**  
10525093

# Trichromacy



**Original Color**  
10133366

**Protanomaly**  
10656885

**Deuteranomaly**  
11311479

**Tritanomaly**  
10394516

# Monochromacy



**Original Color**  
10133366

**Achromatopsia**  
10066329

**Achromatomaly**  
10066828

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10133366 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 #9A9F76 looks like.

```
.text, #text, p{  
    color:#9A9F76  
}
```

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 #9A9F76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A9F76
}
```

## Border

The CSS property to change the border of an element to Decimal 10133366 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
#9A9F76 }
```

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

```
.border{ border-color:#9A9F76 }
```

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

Here you see how a box with a 4 pixel #9A9F76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A9F76; -webkit-box-shadow:4px 4px  
4px 4px #9A9F76; box-shadow:4px 4px 4px  
4px #9A9F76 }
```

# Background

The CSS property to change the background color of an element to Decimal 10133366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A9F76 }
```

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

```
.background{ background-color:#9A9F76 }
```

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