

# Converting Colors

Decimal(10347189)

Have a look what the booklet for  
Decimal(10347189) contains.

<b>Decimal(10347189)</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(10347189)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DE2B5
RGB	157, 226, 181
RGB Percent	62%, 89%, 71%
CMY	0.3843, 0.1137, 0.2902
CMYK	0.31, 0.00, 0.20, 0.11
HSL	141°, 54%, 75%
HSV	141°, 31%, 89%
XYZ	49.4415, 64.8970, 53.6366
YIQ	200.2390, -26.6790, -28.6230

# Conversions

## Conversions Part 2

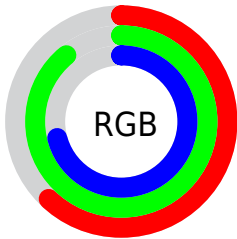
Format	Color
<a href="#">RYB</a>	<a href="#">157, 208, 226</a>
Decimal	<a href="#">10347189</a>
CIELab	<a href="#">84.43, -30.77, 15.20</a>
CIELCh	<a href="#">84, 34.322, 153.709</a>
Yxy	<a href="#">64.8970, 0.2943, 0.3863</a>
Android (android.graphics.Color)	<a href="#">4288537269 (0xFF9DE2B5)</a>
YUV	<a href="#">200.2390, -9.4848, -37.9206</a>
Hunter-Lab	<a href="#">80.5587, -31.4264, 16.9153</a>

# Details

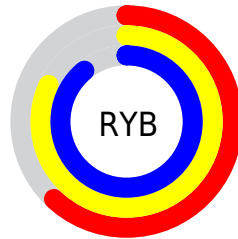
The Decimal color **10347189** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **14851530**, and the grayscale version is **13158600**.

A 20% lighter version of the original color is **14024685**, and **6793856** is the 20% darker color. If you saturate the color by 10%, you get **8839846**, and if you desaturate by 10%, it is **11854532**.

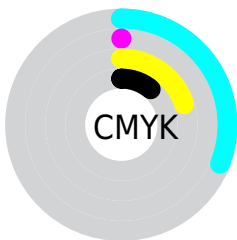
# Distribution



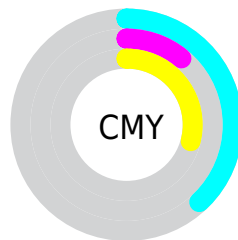
- Red (62%)
- Green (89%)
- Blue (71%)



- Red (62%)
- Yellow (82%)
- Blue (89%)



- Cyan (31%)
- Magenta (0%)
- Yellow (20%)
- Black (11%)



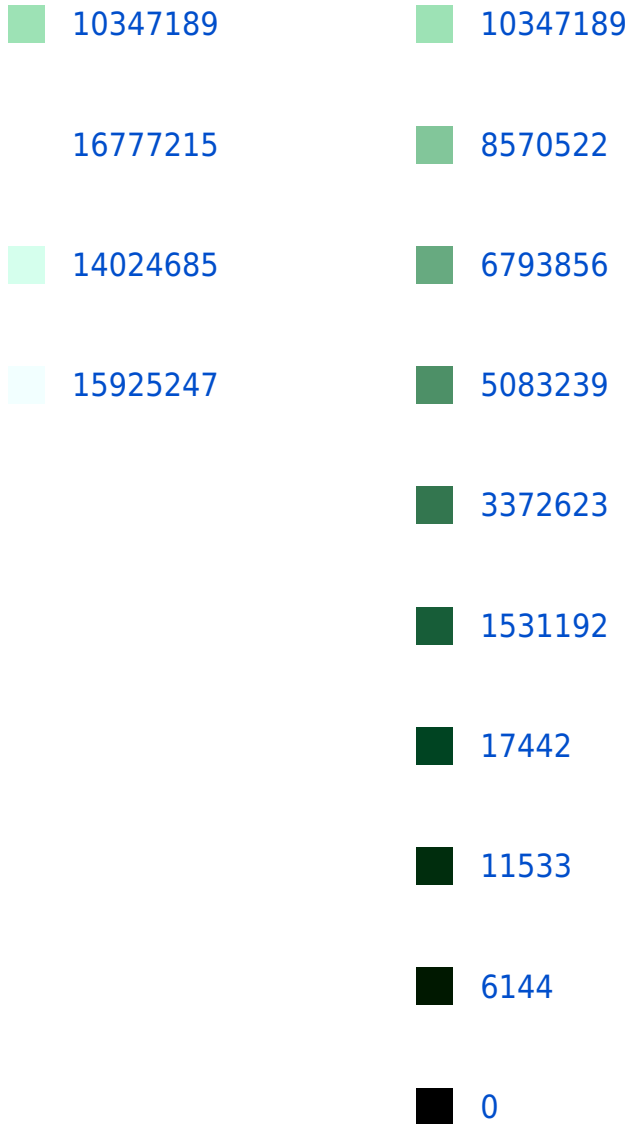
- Cyan (38%)
- Magenta (11%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10347189 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 10347189 by changing the saturation by 10% instead.





 10347189

 10347189

 8839846

 11854532

 7398040

 13296338

 5890697

 14803681

 4448890

 16245488

 2941547

 16769791

 1434205

 57935

# Harmonies

## Analogous

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



12835996



10347189



8119766

# Triad

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



10347189



11523327



16760496

# Complementary

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



10347189



14851530

# 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.



16759760



10347189



14535167

# Square

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



10347189



8576767



16760816



16762778

# Rectangle

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



10347189



7202028



16760816



16759994

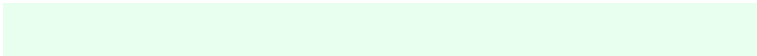


# Sweetspot

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



10347189



15269872



13361821



7438454



0



8421504

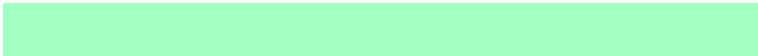


# Same Dimension

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



10347189



10616769



10347222



6647913



45117



12305



# Inverse Universe

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



14851530



16753118



14851497



7365996



11534451

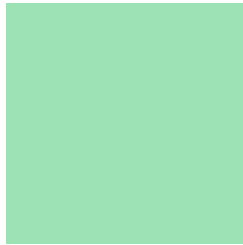


3145760



# Previews

## White Background



This preview shows how the Decimal color 10347189 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 10347189 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

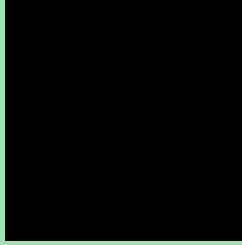
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 10347189 Background



This preview shows how black text looks on a background with the Decimal color 10347189.

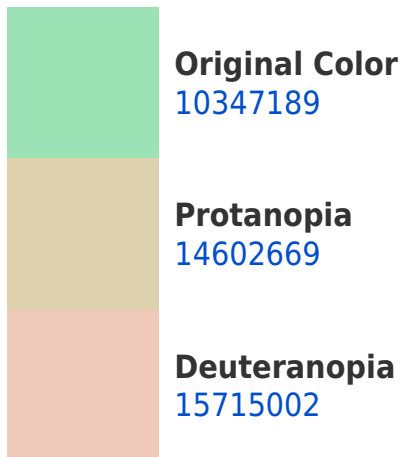


This preview shows how white text looks on a background with the Decimal color 10347189.

# Color Blindness Simulation

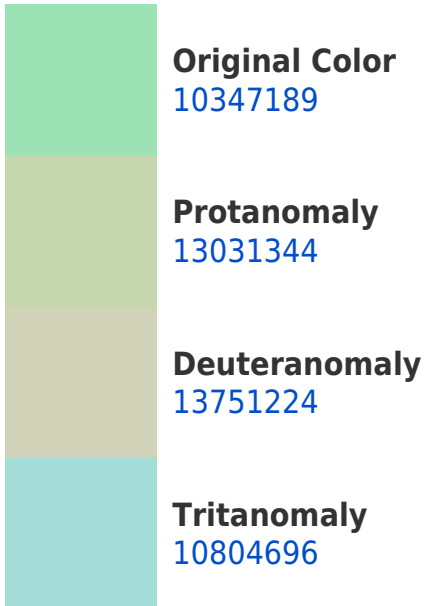
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

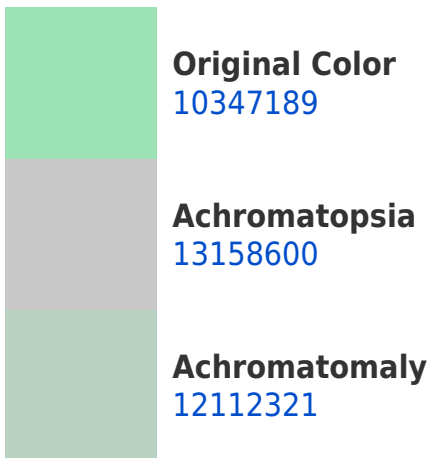




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10347189 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 #9DE2B5 looks like.

```
.text, #text, p{  
    color:#9DE2B5  
}
```

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 #9DE2B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DE2B5
}
```

## Border

The CSS property to change the border of an element to Decimal 10347189 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
#9DE2B5 }
```

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

```
.border{ border-color:#9DE2B5 }
```

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

Here you see how a box with a 4 pixel #9DE2B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DE2B5; -webkit-box-shadow:4px 4px  
4px 4px #9DE2B5; box-shadow:4px 4px 4px  
4px #9DE2B5 }
```

# Background

The CSS property to change the background color of an element to Decimal 10347189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DE2B5 }
```

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

```
.background{ background-color:#9DE2B5 }
```

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