

Converting Colors

Decimal(10409375)

Have a look what the booklet for
Decimal(10409375) contains.

Decimal(10409375)	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(10409375)

Conversions

Conversions Part 1

Format	Color
Hex	9ED59F
RGB	158, 213, 159
RGB Percent	62%, 84%, 62%
CMY	0.3804, 0.1647, 0.3765
CMYK	0.26, 0.00, 0.25, 0.16
HSL	121°, 40%, 73%
HSV	121°, 26%, 84%
XYZ	44.1528, 57.3608, 41.5455
YIQ	190.3990, -15.4460, -28.4540

Conversions

Conversions Part 2

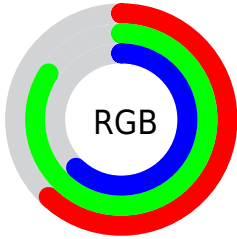
Format	Color
RYB	158, 212, 213
Decimal	10409375
CIELab	80.38, -28.20, 21.11
CIELCh	80, 35.232, 143.179
Yxy	57.3608, 0.3086, 0.4010
Android (android.graphics.Color)	4288599455 (0xFF9ED59F)
YUV	190.3990, -15.4797, -28.4139
Hunter-Lab	75.7369, -28.4784, 20.4923

Details

The Decimal color **10409375** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **13999828**, and the grayscale version is **12566463**.

A 20% lighter version of the original color is **14090198**, and **6921835** is the 20% darker color. If you saturate the color by 10%, you get **9033098**, and if you desaturate by 10%, it is **11785652**.

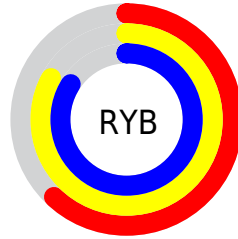
Distribution



Red (62%)

Green (84%)

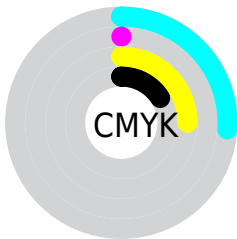
Blue (62%)



Red (62%)

Yellow (83%)

Blue (84%)

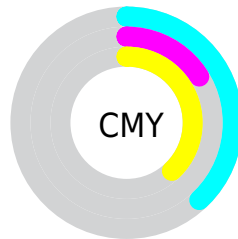


Cyan (26%)

Magenta (0%)

Yellow (25%)

Black (16%)



Cyan (38%)

Magenta (16%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10409375 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 10409375 by changing the saturation by 10% instead.



 10409375

 10409375

 9033098

 11785652

 7591285

 13227465

 6215008

 14603742

 4838731

 15980019

 3462454

 16766463

 2020642

 644365

 54532

Harmonies

Analogous

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



12897674



10409375



7920062

Triad

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



10409375



9489919



16756911

Complementary

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



10409375



13999828

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.



16756688



10409375



12763903

Square

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



10409375



6673915



15382255



16693396

Rectangle

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



10409375



6544085



15382255



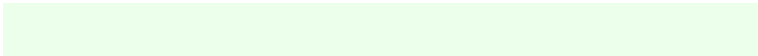
16756666

Sweetspot

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



10409375



15466475



13948318



7569523



0



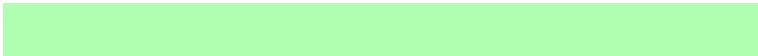
8421504

Same Dimension

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



10409375



11599793



10409402



6318945



43779



11009

Inverse Universe

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



13999828



16756990



13999801



7037035



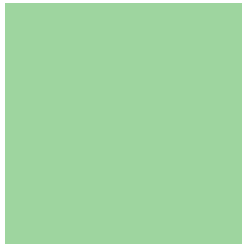
11206824



2818091

Previews

White Background



This preview shows how the Decimal color 10409375 looks on a white background.

Color Contrast Check

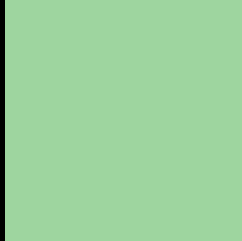
Large Text (above 18pt) WCAG AA × Fail

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 10409375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

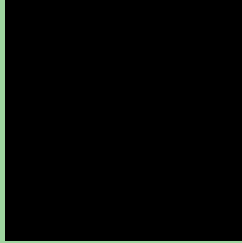
Any Text WCAG AA ✓ Pass

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 10409375 Background



This preview shows how black text looks on a background with the Decimal color 10409375.



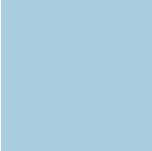
This preview shows how white text looks on a background with the Decimal color 10409375.

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](#).

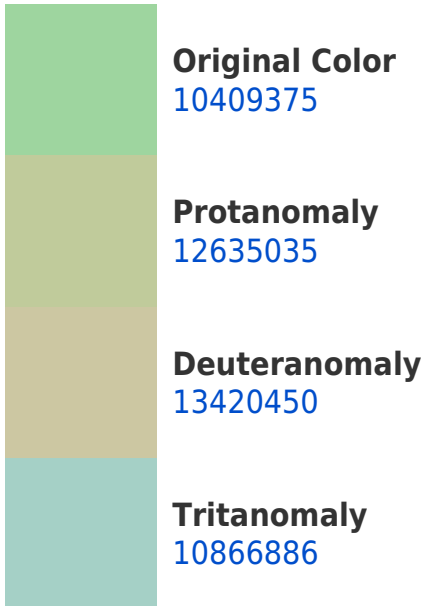
Dichromacy



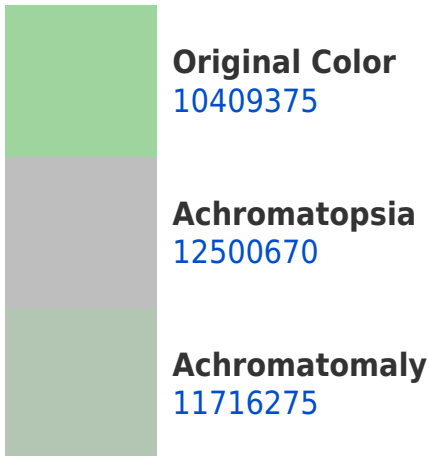


Tritanopia
11128285

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 10409375 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 #9ED59F looks like.

```
.text, #text, p{  
    color:#9ED59F  
}
```

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 #9ED59F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9ED59F
}
```

Border

The CSS property to change the border of an element to Decimal 10409375 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
#9ED59F }
```

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

```
.border{ border-color:#9ED59F }
```

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

Here you see how a box with a 4 pixel #9ED59F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9ED59F; -webkit-box-shadow:4px 4px  
4px 4px #9ED59F; box-shadow:4px 4px 4px  
4px #9ED59F }
```

Background

The CSS property to change the background color of an element to Decimal 10409375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9ED59F }
```

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

```
.background{ background-color:#9ED59F }
```

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