

Converting Colors

Decimal(4909211)

Have a look what the booklet for
Decimal(4909211) contains.

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Color

Decimal(4909211)

Conversions

Conversions Part 1

Format	Color
Hex	4AE89B
RGB	74, 232, 155
RGB Percent	29%, 91%, 61%
CMY	0.7098, 0.0902, 0.3922
CMYK	0.68, 0.00, 0.33, 0.09
HSL	151°, 77%, 60%
HSV	151°, 68%, 91%
XYZ	37.5970, 61.5356, 40.9063
YIQ	175.9800, -69.4510, -57.4430

Conversions

Conversions Part 2

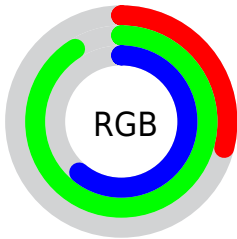
Format	Color
RYB	74, 178, 232
Decimal	4909211
CIELab	82.67, -58.25, 25.80
CIELCh	83, 63.706, 156.110
Yxy	61.5356, 0.2685, 0.4394
Android (android.graphics.Color)	4283099291 (0xFF4AE89B)
YUV	175.9800, -10.3431, -89.4365
Hunter-Lab	78.4446, -51.7264, 23.9934

Details

The Decimal color **4909211** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **15223447**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **9240530**, and **44903** is the 20% darker color. If you saturate the color by 10%, you get **3401872**, and if you desaturate by 10%, it is **6416550**.

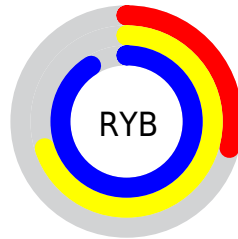
Distribution



Red (29%)

Green (91%)

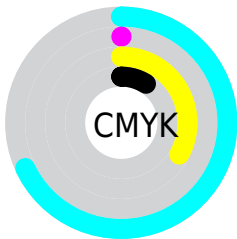
Blue (61%)



Red (29%)

Yellow (70%)

Blue (91%)

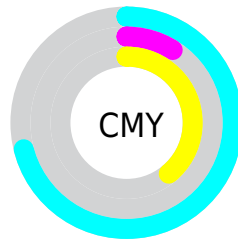


Cyan (68%)

Magenta (0%)

Yellow (33%)

Black (9%)



Cyan (71%)

Magenta (9%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4909211 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 4909211 by changing the saturation by 10% instead.

4909211

4909211

16777215

1887105

9240530

44903

11206638

37967

13238271

31031

15269887

24352

17929

12032

4352

0

 4909211

 4909211

 3401872

 6416550

 1894532

 7923890

 321657

 9496765

 59511

 11004104

 12511444

 14018783

 15526122

 16771317

 16771327

Harmonies

Analogous

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



10870632



4909211



60633

Triad

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



4909211



7721215



16753802

Complementary

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



4909211



15223447

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.



16751044



4909211



14858751

Square

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



4909211



57855



16753663



16759135

Rectangle

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



4909211



60415



16753663



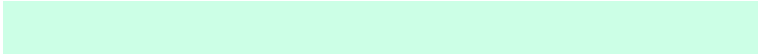
16752284

Sweetspot

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



4909211



13434854



10086474



6389873



0



8421504

Same Dimension

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



4909211



3080089



4909288



6779757



45916



13082

Inverse Universe

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



15223447



16723604



15223370



7563117



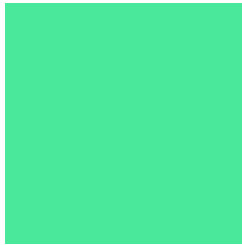
11731031



3342361

Previews

White Background



This preview shows how the Decimal color 4909211 looks on a white background.

Color Contrast Check

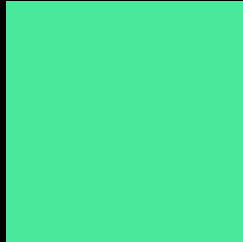
Large Text (above 18pt) WCAG AA × Fail

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 4909211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

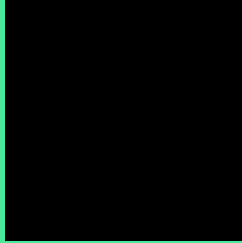
Any Text WCAG AA ✓ Pass

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 4909211 Background



This preview shows how black text looks on a background with the Decimal color 4909211.

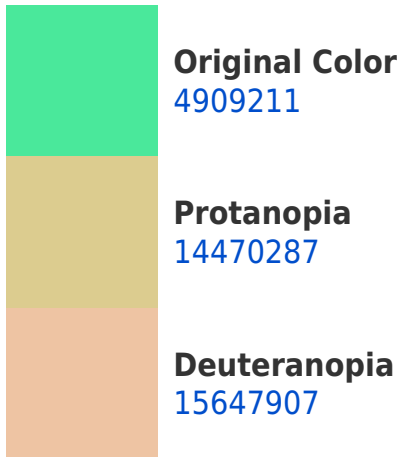


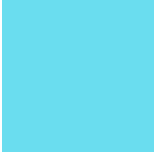
This preview shows how white text looks on a background with the Decimal color 4909211.

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
7003631

Trichromacy



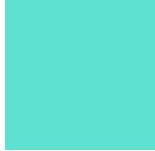
Original Color
4909211



Protanomaly
10999443



Deuteranomaly
11719072

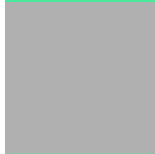


Tritanomaly
6218192

Monochromacy



Original Color
4909211



Achromatopsia
11579568



Achromatomaly
9159848

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4909211 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 #4AE89B looks like.

```
.text, #text, p{  
    color:#4AE89B  
}
```

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 #4AE89B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AE89B
}
```

Border

The CSS property to change the border of an element to Decimal 4909211 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
#4AE89B }
```

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

```
.border{ border-color:#4AE89B }
```

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

Here you see how a box with a 4 pixel #4AE89B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AE89B; -webkit-box-shadow:4px 4px  
4px 4px #4AE89B; box-shadow:4px 4px 4px  
4px #4AE89B }
```

Background

The CSS property to change the background color of an element to Decimal 4909211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AE89B }
```

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

```
.background{ background-color:#4AE89B }
```

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](#).

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