

Converting Colors

Decimal(4248989)

Have a look what the booklet for
Decimal(4248989) contains.

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Color

Decimal(4248989)

Conversions

Conversions Part 1

Format	Color
Hex	40D59D
RGB	64, 213, 157
RGB Percent	25%, 84%, 62%
CMY	0.7490, 0.1647, 0.3843
CMYK	0.70, 0.00, 0.26, 0.16
HSL	157°, 64%, 54%
HSV	157°, 70%, 84%
XYZ	31.9944, 51.1128, 40.0778
YIQ	162.0650, -70.8280, -49.0040

Conversions

Conversions Part 2

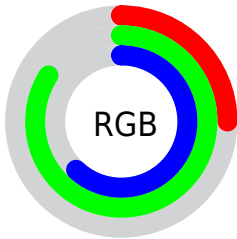
Format	Color
RYB	64, 156, 213
Decimal	4248989
CIELab	76.75, -51.96, 16.58
CIELCh	77, 54.538, 162.305
Yxy	51.1128, 0.2597, 0.4149
Android (android.graphics.Color)	4282439069 (0xFF40D59D)
YUV	162.0650, -2.4970, -86.0030
Hunter-Lab	71.4932, -45.2314, 16.8084

Details

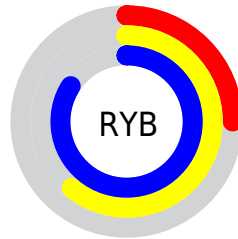
The Decimal color **4248989** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **13975672**, and the grayscale version is **10658466**.

A 20% lighter version of the original color is **8585172**, and **40298** is the 20% darker color. If you saturate the color by 10%, you get **2872725**, and if you desaturate by 10%, it is **5625253**.

Distribution



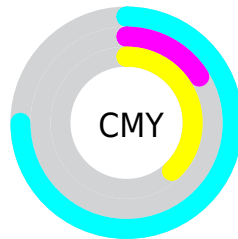
- Red (25%)
- Green (84%)
- Blue (62%)



- Red (25%)
- Yellow (61%)
- Blue (84%)



- Cyan (70%)
- Magenta (0%)
- Yellow (26%)
- Black (16%)



- Cyan (75%)
- Magenta (16%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4248989 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 4248989 by changing the saturation by 10% instead.



4248989



4248989

16777215



702851



8585172



40298



10551280



33361



12517375



26682



14548991



20260



16515071



14095



7936



0



4248989



4248989

■ 2872725

■ 5625253

■ 1430925

■ 7067053

■ 54661

■ 8443317

■ 9819581

■ 11261381

■ 12637645

■ 14013909

■ 15390173

■ 16766437

Harmonies

Analogous

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



9490032



4248989



55249

Triad

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



4248989



9354495



16752252

Complementary

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



4248989



13975672

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.



16749482



4248989



14461183

Square

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



4248989



52223



16750557



16035932

Rectangle

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



4248989



55026



16750557



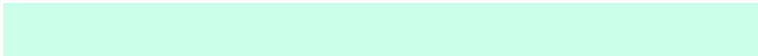
16750986

Sweetspot

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



4248989



13238251



7984448



6324340



0



8421504

Same Dimension

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



4248989



2752430



4244693



6318951



43883



11035

Inverse Universe

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



13975672



16722297



13979968



7037028



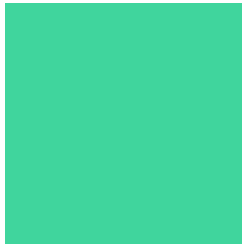
11206720



2818064

Previews

White Background



This preview shows how the Decimal color 4248989 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 4248989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

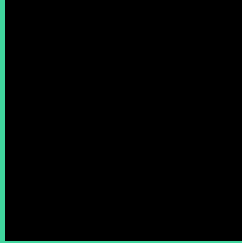
Any Text WCAG AA ✓ Pass

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 4248989 Background



This preview shows how black text looks on a background with the Decimal color 4248989.

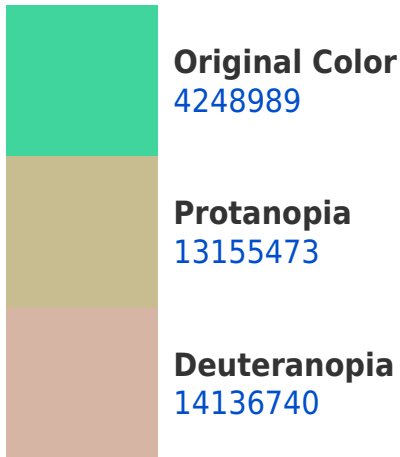


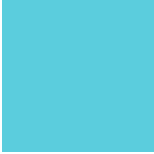
This preview shows how white text looks on a background with the Decimal color 4248989.

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
6016477

Trichromacy



Original Color

4248989



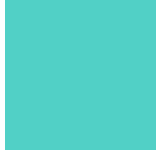
Protanomaly

9946517



Deuteranomaly

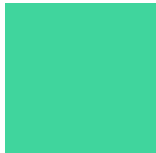
10535329



Tritanomaly

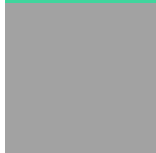
5361862

Monochromacy



Original Color

4248989



Achromatopsia

10658466



Achromatomaly

8304032

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4248989 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 #40D59D looks like.

```
.text, #text, p{  
  color:#40D59D  
}
```

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 #40D59D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40D59D
}
```

Border

The CSS property to change the border of an element to Decimal 4248989 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
#40D59D }
```

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

```
.border{ border-color:#40D59D }
```

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

Here you see how a box with a 4 pixel #40D59D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40D59D; -webkit-box-shadow:4px 4px  
4px 4px #40D59D; box-shadow:4px 4px 4px  
4px #40D59D }
```

Background

The CSS property to change the background color of an element to Decimal 4248989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40D59D }
```

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

```
.background{ background-color:#40D59D }
```

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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