

Converting Colors

Decimal(7909001)

Have a look what the booklet for
Decimal(7909001) contains.

Decimal(7909001)	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(7909001)

Conversions

Conversions Part 1

Format	Color
Hex	78AE89
RGB	120, 174, 137
RGB Percent	47%, 68%, 54%
CMY	0.5294, 0.3176, 0.4627
CMYK	0.31, 0.00, 0.21, 0.32
HSL	139°, 25%, 58%
HSV	139°, 31%, 68%
XYZ	27.3971, 36.0713, 29.1854
YIQ	153.6360, -20.3070, -22.9550

Conversions

Conversions Part 2

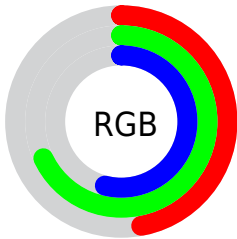
Format	Color
RYB	120, 161, 174
Decimal	7909001
CIELab	66.57, -25.64, 13.42
CIELCh	67, 28.935, 152.375
Yxy	36.0713, 0.2957, 0.3893
Android (android.graphics.Color)	4286099081 (0xFF78AE89)
YUV	153.6360, -8.2015, -29.4988
Hunter-Lab	60.0594, -23.6781, 13.2301

Details

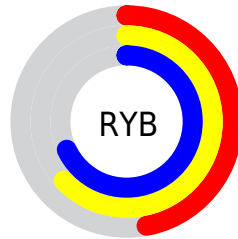
The Decimal color **7909001** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11434141**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **11462334**, and **4553047** is the 20% darker color. If you saturate the color by 10%, you get **6794877**, and if you desaturate by 10%, it is **9023125**.

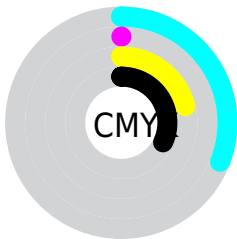
Distribution



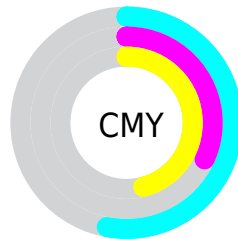
- Red (47%)
- Green (68%)
- Blue (54%)



- Red (47%)
- Yellow (63%)
- Blue (68%)



- Cyan (31%)
- Magenta (0%)
- Yellow (21%)
- Black (32%)



- Cyan (53%)
- Magenta (32%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7909001 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 7909001 by changing the saturation by 10% instead.

 7909001

 7909001

16777215


 6198128

 11462334

 4553047

 13238234

 2908224

 15138807

 1263657

 12565

 7680

 0

 7909001

 7909001

 6794877

 9023125

■ 5615217

■ 10202785

■ 4501093

■ 11316909

■ 3321433

■ 12496569

■ 2207309

■ 13610693

■ 1093185

■ 14724817

■ 44599

■ 15904476

■ 16756456

■ 16756468

Harmonies

Analogous

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



9873781



7909001



6074531

Triad

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



7909001



8627413



13996423

Complementary

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



7909001



11434141

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.



13930401



7909001



11049678

Square

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



7909001



6269903



12948154



13146229

Rectangle

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



7909001



5288117



12948154



14061455

Sweetspot

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



7909001



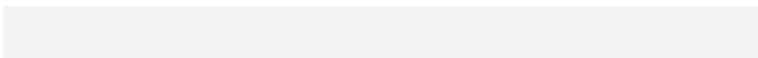
13624277



10399352



6714218



15921906



7566195

Same Dimension

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



7909001



9429929



7909027



5134161



38447



5895

Inverse Universe

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



11434141



14913481



11434115



5721684



9830503



1507344

Previews

White Background



This preview shows how the Decimal color 7909001 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 7909001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

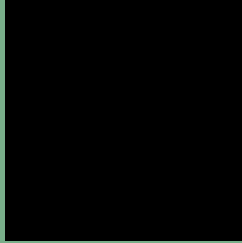
Any Text WCAG AA ✓ Pass

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 7909001 Background



This preview shows how black text looks on a background with the Decimal color 7909001.




This preview shows how white text looks on a background with the Decimal color 7909001.

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
8497333

Trichromacy



Original Color
7909001

Protanomaly
10004101

Deuteranomaly
10592908

Tritanomaly
8301221

Monochromacy



Original Color
7909001

Achromatopsia
10132122

Achromatomaly
9347476

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7909001 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 #78AE89 looks like.

```
.text, #text, p{  
    color:#78AE89  
}
```

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 #78AE89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78AE89
}
```

Border

The CSS property to change the border of an element to Decimal 7909001 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
#78AE89 }
```

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

```
.border{ border-color:#78AE89 }
```

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

Here you see how a box with a 4 pixel #78AE89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78AE89; -webkit-box-shadow:4px 4px  
4px 4px #78AE89; box-shadow:4px 4px 4px  
4px #78AE89 }
```

Background

The CSS property to change the background color of an element to Decimal 7909001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78AE89 }
```

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

```
.background{ background-color:#78AE89 }
```

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