

# Converting Colors

Decimal(7989966)

Have a look what the booklet for  
Decimal(7989966) contains.

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**Color**

**Decimal(7989966)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79EACE
RGB	121, 234, 206
RGB Percent	47%, 92%, 81%
CMY	0.5255, 0.0824, 0.1922
CMYK	0.48, 0.00, 0.12, 0.08
HSL	165°, 73%, 70%
HSV	165°, 48%, 92%
XYZ	48.4486, 67.3668, 68.8421
YIQ	197.0210, -58.3600, -32.6640

# Conversions

## Conversions Part 2

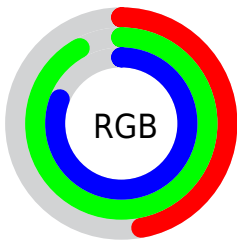
Format	Color
<a href="#">RYB</a>	<a href="#">121, 185, 234</a>
Decimal	<a href="#">7989966</a>
CIELab	<a href="#">85.69, -38.91, 3.67</a>
CIElCh	<a href="#">86, 39.078, 174.613</a>
Yxy	<a href="#">67.3668, 0.2624, 0.3648</a>
Android (android.graphics.Color)	<a href="#">4286180046 (0xFF79EACE)</a>
YUV	<a href="#">197.0210, 4.4266, -66.6704</a>
Hunter-Lab	<a href="#">82.0773, -38.2703, 7.7248</a>

# Details

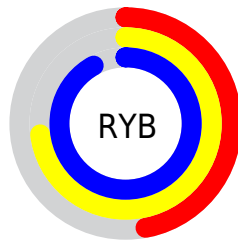
The Decimal color **7989966** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **15366549**, and the grayscale version is **12961221**.

A 20% lighter version of the original color is **11796479**, and **3977880** is the 20% darker color. If you saturate the color by 10%, you get **6482632**, and if you desaturate by 10%, it is **9497300**.

# Distribution



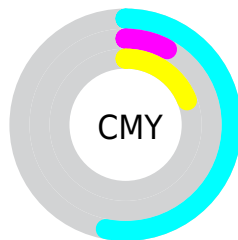
- Red (47%)
- Green (92%)
- Blue (81%)



- Red (47%)
- Yellow (73%)
- Blue (92%)



- Cyan (48%)
- Magenta (0%)
- Yellow (12%)
- Black (8%)



- Cyan (53%)
- Magenta (8%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7989966 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 7989966 by changing the saturation by 10% instead.



7989966

7989966

16777215

6016691

11796479

3977880

13762559

1152894

15728639

31845

25421

18998

12833

7435

0

 7989966

 7989966

 6482632

 9497300

 4909762

 11070170

 3402429

 12577503

 1829559

 14150373

 322225

 15657707

 60080

 16771825

 16771831

 16771836

 16771839

# Harmonies

## Analogous

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



10872490



7989966



5827316

# Triad

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



7989966



13815807



16762267

# Complementary

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



7989966



15366549

# 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.



16759993



7989966



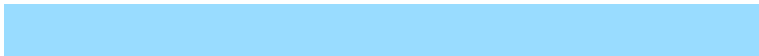
16761599

# Square

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



7989966



10083583



16759774



16175757

# Rectangle

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



7989966



5957631



16759774



16761252

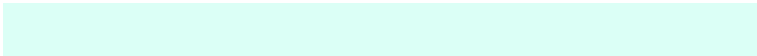


# Sweetspot

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



7989966



14417910



9824889



6979706



0



8421504



# Same Dimension

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



7989966



7077850



7982826



6976882



46472



13864



# Inverse Universe

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



15366549



16739216



15373689



7694956



11862061

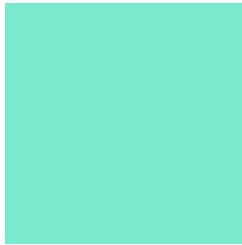


3538957



# Previews

## White Background



This preview shows how the Decimal color 7989966 looks on a white background.

## Color Contrast Check

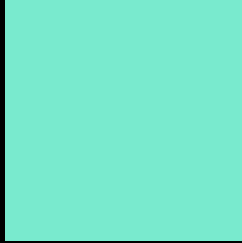
Large Text (above 18pt) WCAG AA × Fail

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 7989966 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

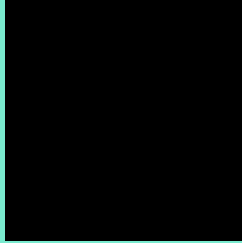
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

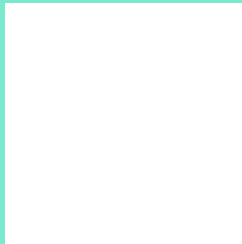
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7989966 Background



This preview shows how black text looks on a background with the Decimal color 7989966.



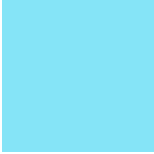
This preview shows how white text looks on a background with the Decimal color 7989966.

# 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**  
8774903

# Trichromacy



**Original Color**

7989966



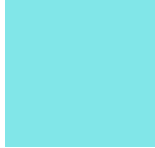
**Protanomaly**

12180678



**Deuteranomaly**

12703954



**Tritanomaly**

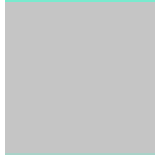
8513256

# Monochromacy



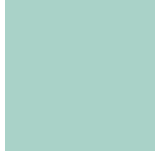
**Original Color**

7989966



**Achromatopsia**

12961221



**Achromatomaly**

11129544

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7989966 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 #79EACE looks like.

```
.text, #text, p{  
    color:#79EACE  
}
```

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 #79EACE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79EACE
}
```

## Border

The CSS property to change the border of an element to Decimal 7989966 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
#79EACE }
```

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

```
.border{ border-color:#79EACE }
```

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

Here you see how a box with a 4 pixel #79EACE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79EACE; -webkit-box-shadow:4px 4px  
4px 4px #79EACE; box-shadow:4px 4px 4px  
4px #79EACE }
```

# Background

The CSS property to change the background color of an element to Decimal 7989966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79EACE }
```

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

```
.background{ background-color:#79EACE }
```

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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