

# Converting Colors

Decimal(7913115)

Have a look what the booklet for  
Decimal(7913115) contains.

<b>Decimal(7913115)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(7913115)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78BE9B
RGB	120, 190, 155
RGB Percent	47%, 75%, 61%
CMY	0.5294, 0.2549, 0.3922
CMYK	0.37, 0.00, 0.18, 0.25
HSL	150°, 35%, 61%
HSV	150°, 37%, 75%
XYZ	32.0756, 43.1865, 37.6556
YIQ	165.0800, -30.4850, -25.7250

# Conversions

## Conversions Part 2

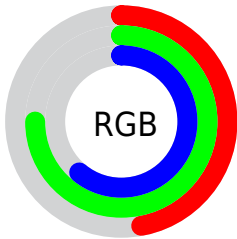
Format	Color
<a href="#">RYB</a>	<a href="#">120, 167, 190</a>
Decimal	<a href="#">7913115</a>
CIELab	<a href="#">71.68, -29.83, 10.79</a>
CIELCh	<a href="#">72, 31.720, 160.113</a>
Yxy	<a href="#">43.1865, 0.2841, 0.3825</a>
Android (android.graphics.Color)	<a href="#">4286103195 (0xFF78BE9B)</a>
YUV	<a href="#">165.0800, -4.9694, -39.5352</a>
Hunter-Lab	<a href="#">65.7165, -27.8797, 12.0283</a>

# Details

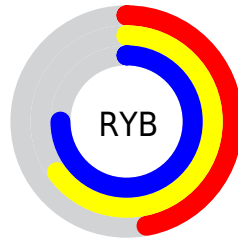
The Decimal color **7913115** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **12482715**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **11532241**, and **4425832** is the 20% darker color. If you saturate the color by 10%, you get **6667922**, and if you desaturate by 10%, it is **9158309**.

# Distribution



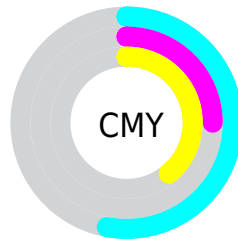
- Red (47%)
- Green (75%)
- Blue (61%)



- Red (47%)
- Yellow (65%)
- Blue (75%)



- Cyan (37%)
- Magenta (0%)
- Yellow (18%)
- Black (25%)



- Cyan (53%)
- Magenta (25%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7913115 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 7913115 by changing the saturation by 10% instead.




 7913115

 7913115


16777215

 6202241

 11532241

 4425832

 13369326

 2715216

 15204351


 480825


 15907

 10254

 2816

 0

 7913115

 7913115

■ 6667922

■ 9158309

■ 5422728

■ 10403502

■ 4177534

■ 11648696

■ 2932341

■ 12893889

■ 1687148

■ 14139083

■ 441954

■ 15384276

■ 48735

■ 16629470

■ 16760551

■ 16760561

# Harmonies

## Analogous

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



10140035



7913115



5947577

# Triad

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



7913115



10006504



15113868

# Complementary

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



7913115



12482715

# 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.



15309479



7913115



12625372

# Square

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



7913115



7190757



14458052



14002042

# Rectangle

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



7913115



5291980



14458052



15244436



# Sweetspot

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



7913115



14481386



10206840



7175541



16579836



8224125



# Same Dimension

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



7913115



9172929



7913150



5594714



40527



7951



# Inverse Universe

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



12482715



16223169



12482680



6182234



10354767



2031631



# Previews

## White Background



This preview shows how the Decimal color 7913115 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 7913115 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

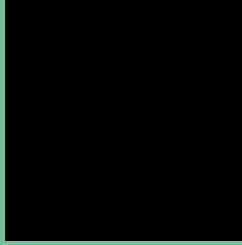
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7913115 Background



This preview shows how black text looks on a background with the Decimal color 7913115.

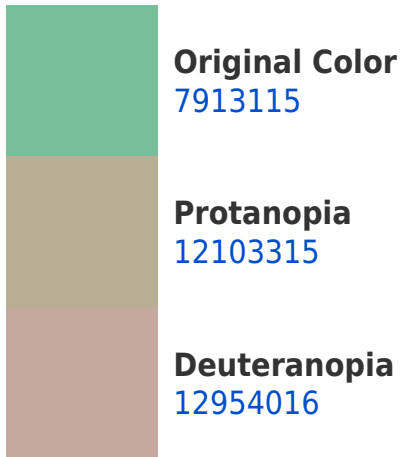


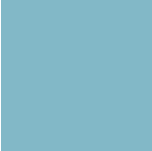
This preview shows how white text looks on a background with the Decimal color 7913115.

# 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**  
8566983

# Trichromacy



**Original Color**  
7913115



**Protanomaly**  
10597526



**Deuteranomaly**  
11121054



**Tritanomaly**  
8305335

# Monochromacy



**Original Color**  
7913115



**Achromatopsia**  
10855845



**Achromatomaly**  
9809569

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7913115 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 #78BE9B looks like.

```
.text, #text, p{  
    color:#78BE9B  
}
```

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 #78BE9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78BE9B
}
```

## Border

The CSS property to change the border of an element to Decimal 7913115 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
#78BE9B }
```

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

```
.border{ border-color:#78BE9B }
```

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

Here you see how a box with a 4 pixel #78BE9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78BE9B; -webkit-box-shadow:4px 4px  
4px 4px #78BE9B; box-shadow:4px 4px 4px  
4px #78BE9B }
```

# Background

The CSS property to change the background color of an element to Decimal 7913115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78BE9B }
```

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

```
.background{ background-color:#78BE9B }
```

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