

# Converting Colors

Decimal(9814732)

Have a look what the booklet for  
Decimal(9814732) contains.

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# **Color**

**Decimal(9814732)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95C2CC
RGB	149, 194, 204
RGB Percent	58%, 76%, 80%
CMY	0.4157, 0.2392, 0.2000
CMYK	0.27, 0.05, 0.00, 0.20
HSL	191°, 35%, 69%
HSV	191°, 27%, 80%
XYZ	42.5853, 49.3328, 64.4044
YIQ	181.6850, -30.0300, -6.4300

# Conversions

## Conversions Part 2

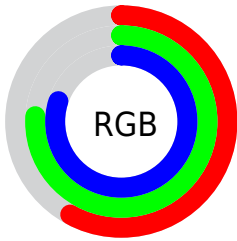
Format	Color
<a href="#">RYB</a>	<a href="#">149, 174, 204</a>
Decimal	<a href="#">9814732</a>
CIELab	<a href="#">75.66, -12.48, -9.86</a>
CIELCh	<a href="#">76, 15.901, 218.302</a>
Yxy	<a href="#">49.3328, 0.2724, 0.3156</a>
Android (android.graphics.Color)	<a href="#">4288004812</a> ( <a href="#">0xFF95C2CC</a> )
YUV	<a href="#">181.6850, 11.0013, -28.6647</a>
Hunter-Lab	<a href="#">70.2373, -14.6896, -5.2002</a>

# Details

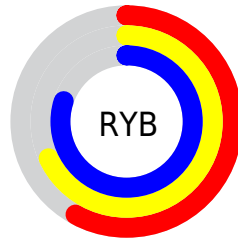
The Decimal color **9814732** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **13410197**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **13433855**, and **6327446** is the 20% darker color. If you saturate the color by 10%, you get **8502988**, and if you desaturate by 10%, it is **11126476**.

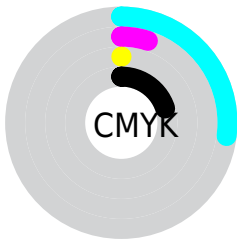
# Distribution



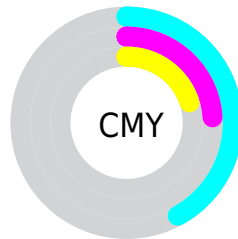
- Red (58%)
- Green (76%)
- Blue (80%)



- Red (58%)
- Yellow (68%)
- Blue (80%)



- Cyan (27%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (42%)
- Magenta (24%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9814732 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 9814732 by changing the saturation by 10% instead.



■ 9814732

■ 9814732

16777215

■ 8038321

■ 13433855

■ 6327446

■ 15335423

■ 4682620

■ 3037795

■ 1327947

■ 11317

■ 6431

■ 6

■ 0

■ 9814732

■ 9814732

■ 8502988

■ 11126476

■ 7125964

■ 12503500

■ 5814220

■ 13815244

■ 4436940

■ 15192524

■ 3125196

■ 16504268

■ 1813708

■ 16767180

■ 436428

■ 16768204

■ 42956

■ 16769228

■ 16769996

# Harmonies

## Analogous

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



9880510



9814732



10403797

# Triad

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



9814732



13742790



12762013

# Complementary

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



9814732



13410197

# 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.



13678240



9814732



14266551

# Square

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



9814732



12760529



14201513



11648931

# Rectangle

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



9814732



11123927



14201513



13089181

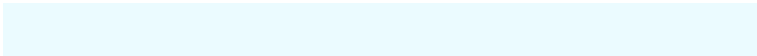


# Sweetspot

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



9814732



15465471



9817246



7568768



0



8421504

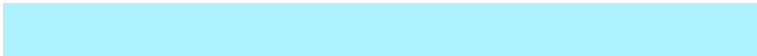


# Same Dimension

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



9814732



11399423



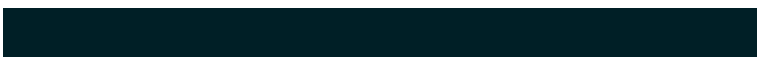
9807820



6055014



34982



7974



# Inverse Universe

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



13407682



16756208



13417109



6708324



10879112

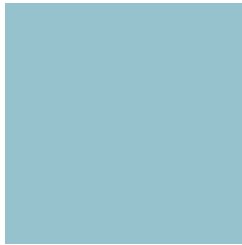


2490399



# Previews

## White Background



This preview shows how the Decimal color 9814732 looks on a white background.

## Color Contrast Check

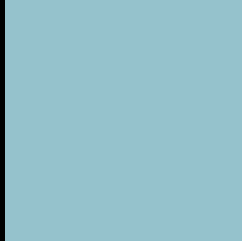
Large Text (above 18pt) WCAG AA × Fail

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 9814732 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

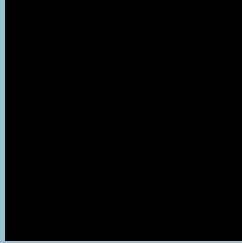
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

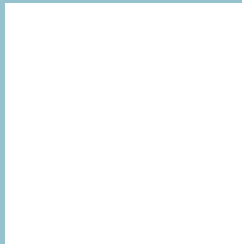
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 9814732 Background



This preview shows how black text looks on a background with the Decimal color 9814732.

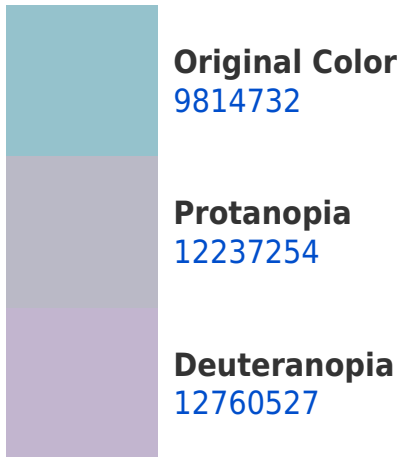


This preview shows how white text looks on a background with the Decimal color 9814732.

# 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](#).

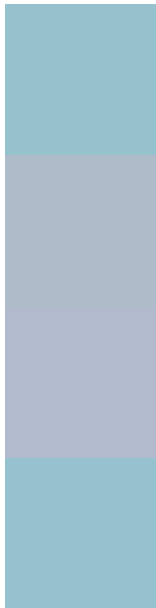
## Dichromacy





**Tritanopia**  
9880017

# Trichromacy



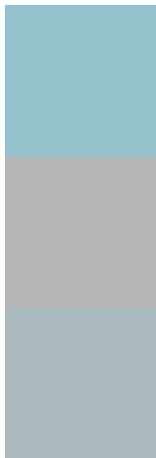
**Original Color**  
9814732

**Protanomaly**  
11386056

**Deuteranomaly**  
11713230

**Tritanomaly**  
9880015

# Monochromacy



**Original Color**  
9814732

**Achromatopsia**  
11974326

**Achromatomaly**  
11188926

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9814732 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 #95C2CC looks like.

```
.text, #text, p{  
    color:#95C2CC  
}
```

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 #95C2CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95C2CC
}
```

## Border

The CSS property to change the border of an element to Decimal 9814732 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
#95C2CC }
```

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

```
.border{ border-color:#95C2CC }
```

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

Here you see how a box with a 4 pixel #95C2CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95C2CC; -webkit-box-shadow:4px 4px  
4px 4px #95C2CC; box-shadow:4px 4px 4px  
4px #95C2CC }
```

# Background

The CSS property to change the background color of an element to Decimal 9814732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95C2CC }
```

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

```
.background{ background-color:#95C2CC }
```

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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