

# Converting Colors

Decimal(9815221)

Have a look what the booklet for  
Decimal(9815221) contains.

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# **Color**

**Decimal(9815221)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 95C4B5                       |
| RGB         | 149, 196, 181                |
| RGB Percent | 58%, 77%, 71%                |
| CMY         | 0.4157, 0.2314, 0.2902       |
| CMYK        | 0.24, 0.00, 0.08, 0.23       |
| HSL         | 161°, 28%, 68%               |
| HSV         | 161°, 24%, 77%               |
| XYZ         | 40.4748, 49.2056, 51.0804    |
| YIQ         | 180.2370, -23.1970, -14.6290 |

# Conversions

## Conversions Part 2

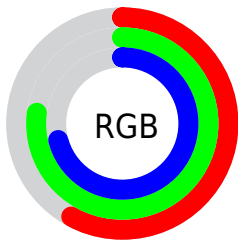
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 149, 177, 196                 |
| Decimal                             | 9815221                       |
| CIELab                              | 75.58, -18.57, 2.49           |
| CIELCh                              | 76, 18.732, 172.358           |
| Yxy                                 | 49.2056, 0.2875,<br>0.3496    |
| Android<br>(android.graphics.Color) | 4288005301<br>(0xFF95C4B5)    |
| YUV                                 | 180.2370, 0.3762,<br>-27.3948 |
| Hunter-Lab                          | 70.1467, -19.7618,<br>5.9281  |

# Details

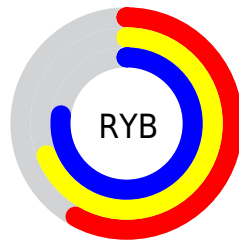
The Decimal color **9815221** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **12883364**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **13434349**, and **6393472** is the 20% darker color. If you saturate the color by 10%, you get **8504495**, and if you desaturate by 10%, it is **11125947**.

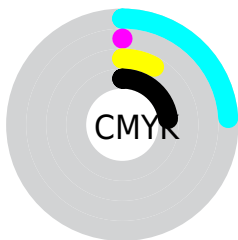
# Distribution



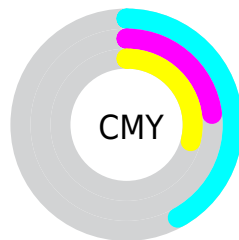
- Red (58%)
- Green (77%)
- Blue (71%)



- Red (58%)
- Yellow (69%)
- Blue (77%)



- Cyan (24%)
- Magenta (0%)
- Yellow (8%)
- Black (23%)



- Cyan (42%)
- Magenta (23%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9815221 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 9815221 by changing the saturation by 10% instead.



 9815221

 9815221

16777215

 8104346

 13434349

 6393472

 15269887

 4748391

 3169359

 1590328

 11555

 6669

 0

 9815221

 9815221

8504495

11125947

7259304

12371138

5948578

13681864

4703388

14927054

3392662

16237780

2081935

16762075

836745

16762081

50309

16762087

16762093

# Harmonies

## Analogous

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



10928805



9815221



9225415

# Triad

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



9815221



12105690



14267040

# Complementary

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



9815221



12883364

# 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.



14659502



9815221



13415119

# Square

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



9815221



10599900



14331839



13416600

# Rectangle

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



9815221



9356241



14331839



14463396

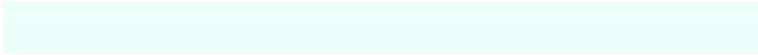


# Sweetspot

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



9815221



15597561



10863765



7700604



0



8421504

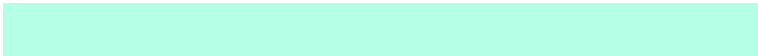


# Same Dimension

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



9815221



11927527



9813188



5726558



41325



8471



# Inverse Universe

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



12883364



16758221



12885397



6379354



10551347



2162699



# Previews

## White Background



This preview shows how the Decimal color 9815221 looks on a white background.

## Color Contrast Check

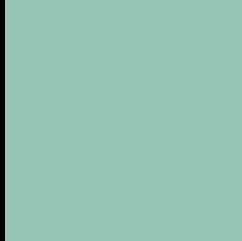
Large Text (above 18pt) WCAG AA × Fail

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 9815221 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

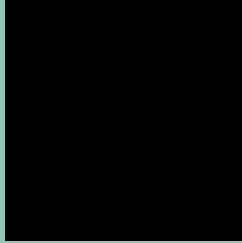
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 9815221 Background



This preview shows how black text looks on a background with the Decimal color 9815221.



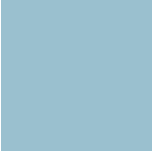
This preview shows how white text looks on a background with the Decimal color 9815221.

# 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](#).

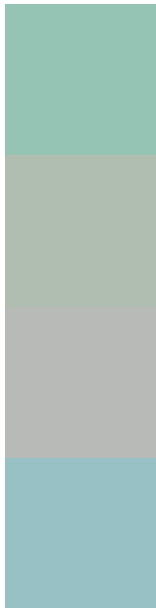
## Dichromacy





**Tritanopia**  
10141903

# Trichromacy



**Original Color**  
9815221

**Protanomaly**  
11582897

**Deuteranomaly**  
12106423

**Tritanomaly**  
10011078

# Monochromacy



**Original Color**  
9815221

**Achromatopsia**  
11842740

**Achromatomaly**  
11123380

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9815221 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 #95C4B5 looks like.

```
.text, #text, p{  
  color:#95C4B5  
}
```

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 #95C4B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95C4B5
}
```

## Border

The CSS property to change the border of an element to Decimal 9815221 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
#95C4B5 }
```

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

```
.border{ border-color:#95C4B5 }
```

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

Here you see how a box with a 4 pixel #95C4B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95C4B5; -webkit-box-shadow:4px 4px  
4px 4px #95C4B5; box-shadow:4px 4px 4px  
4px #95C4B5 }
```

# Background

The CSS property to change the background color of an element to Decimal 9815221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95C4B5 }
```

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

```
.background{ background-color:#95C4B5 }
```

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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