

# Converting Colors

Decimal(9743520)

Have a look what the booklet for  
Decimal(9743520) contains.

<b>Decimal(9743520)</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(9743520)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94ACA0
RGB	148, 172, 160
RGB Percent	58%, 67%, 63%
CMY	0.4196, 0.3255, 0.3725
CMYK	0.14, 0.00, 0.07, 0.33
HSL	150°, 13%, 63%
HSV	150°, 14%, 67%
XYZ	33.3104, 38.3390, 38.9022
YIQ	163.4560, -10.4520, -8.8200

# Conversions

## Conversions Part 2

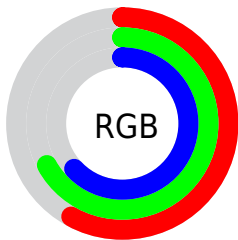
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">148, 164, 172</a>
Decimal	<a href="#">9743520</a>
CIELab	<a href="#">68.27, -10.71, 3.38</a>
CIElCh	<a href="#">68, 11.231, 162.509</a>
Yxy	<a href="#">38.3390, 0.3013, 0.3468</a>
Android (android.graphics.Color)	<a href="#">4287933600 (0xFF94ACA0)</a>
YUV	<a href="#">163.4560, -1.7038, -13.5549</a>
Hunter-Lab	<a href="#">61.9185, -12.3294, 6.0922</a>

# Details

The Decimal color **9743520** is a light color, and the websafe version is hex **999999**. A complement of this color would be **11310240**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **13296599**, and **6387821** is the 20% darker color. If you saturate the color by 10%, you get **8629399**, and if you desaturate by 10%, it is **10857641**.

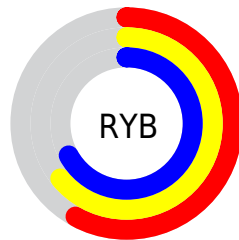
# Distribution



Red (58%)

Green (67%)

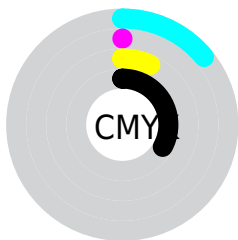
Blue (63%)



Red (58%)

Yellow (64%)

Blue (67%)

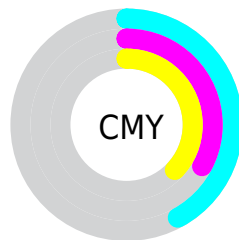


Cyan (14%)

Magenta (0%)

Yellow (7%)

Black (33%)



Cyan (42%)

Magenta (33%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9743520 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 9743520 by changing the saturation by 10% instead.



■ 9743520

■ 9743520

16777215

■ 8032646

■ 13296599

■ 6387821

■ 15138803

■ 4808532

■ 3295037

■ 1913127

■ 400403

■ 0

■ 9743520

■ 9743520


■ 8629399

■ 10857641

 7515279

 11971761

 6335622

 13151418

 5221502

 14265538

 4107381

 15379659

 2993260

 16493780

 1879140

 16755932

 699483

 16755941

 44118

 16755949

# Harmonies

## Analogous

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



10463895



9743520



9350570

# Triad

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



9743520



10593978



12296601

# Complementary

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



9743520



11310240

# 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.



12361890



9743520



11445173

# Square

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



9743520



9808313



12034221



11904147

# Rectangle

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



9743520



9284785



12034221



12361884



# Sweetspot

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



9743520



14147804



10529940



7041133



15790320



7368816



# Same Dimension

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



9743520



12247245



9743532



5134162



38475



5899



# Inverse Universe

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



11310240



14727885



11310228



5721682



9830475



1507339



# Previews

## White Background



This preview shows how the Decimal color 9743520 looks on a white background.

## Color Contrast Check

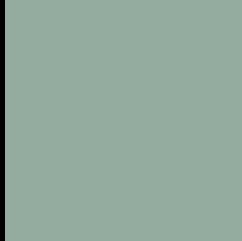
Large Text (above 18pt) WCAG AA × Fail

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 9743520 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

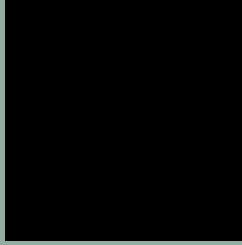
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

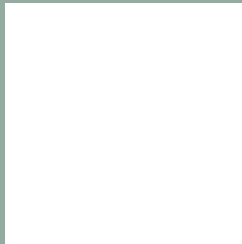
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 9743520 Background



This preview shows how black text looks on a background with the Decimal color 9743520.



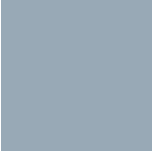
This preview shows how white text looks on a background with the Decimal color 9743520.

# 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](#).

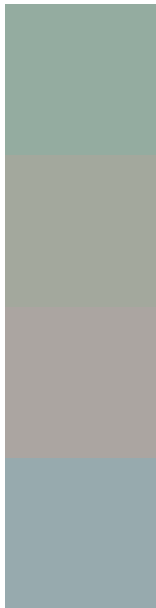
## Dichromacy





**Tritanopia**  
10004918

# Trichromacy



**Original Color**  
9743520

**Protanomaly**  
10725533

**Deuteranomaly**  
11249057

**Tritanomaly**  
9939630

# Monochromacy



**Original Color**  
9743520

**Achromatopsia**  
10724259

**Achromatomaly**  
10397346

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9743520 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 #94ACA0 looks like.

```
.text, #text, p{  
    color:#94ACA0  
}
```

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 #94ACA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94ACA0  
}
```

## Border

The CSS property to change the border of an element to Decimal 9743520 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  
#94ACA0 }
```

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

```
.border{ border-color:#94ACA0 }
```

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

Here you see how a box with a 4 pixel #94ACA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94ACA0; -webkit-box-shadow:4px 4px  
4px 4px #94ACA0; box-shadow:4px 4px 4px  
4px #94ACA0 }
```

# Background

The CSS property to change the background color of an element to Decimal 9743520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94ACA0 }
```

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

```
.background{ background-color:#94ACA0 }
```

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