

Converting Colors

Decimal(9735832)

Have a look what the booklet for
Decimal(9735832) contains.

Decimal(9735832)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(9735832)

Conversions

Conversions Part 1

Format	Color
Hex	948E98
RGB	148, 142, 152
RGB Percent	58%, 56%, 60%
CMY	0.4196, 0.4431, 0.4039
CMYK	0.03, 0.07, 0.00, 0.40
HSL	276°, 5%, 58%
HSV	276°, 7%, 60%
XYZ	27.5532, 27.9089, 33.6405
YIQ	144.9340, 0.3660, 4.3820

Conversions

Conversions Part 2

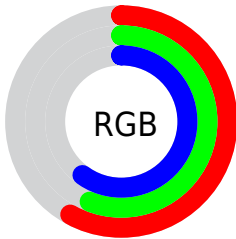
Format	Color
R_{YB}	148, 142, 152
Decimal	9735832
CIE Lab	59.81, 4.16, -4.51
CIE LCh	60, 6.134, 312.730
Yxy	27.9089, 0.3092, 0.3132
Android (android.graphics.Color)	4287925912 (0xFF948E98)
YUV	144.9340, 3.4835, 2.6889
Hunter-Lab	52.8289, 0.6473, -0.7746

Details

The Decimal color **9735832** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9607310**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **13288654**, and **6380645** is the 20% darker color. If you saturate the color by 10%, you get **9338776**, and if you desaturate by 10%, it is **10132888**.

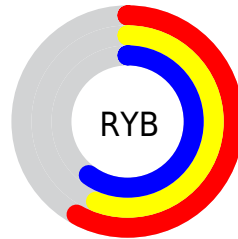
Distribution



Red (58%)

Green (56%)

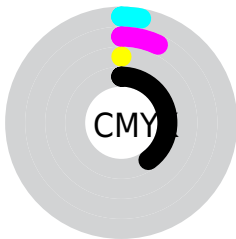
Blue (60%)



Red (58%)

Yellow (56%)

Blue (60%)

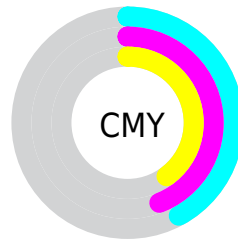


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (40%)



Cyan (42%)

Magenta (44%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9735832 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 9735832 by changing the saturation by 10% instead.

■ 9735832

■ 9735832

16777215

■ 8025214

■ 13288654

■ 6380645

■ 15130858

■ 4867149

■ 16776447

■ 3354166

■ 1972513

■ 262154

■ 0

■ 9735832

■ 9735832

■ 9338776

■ 10132888

8941720

10529944

8544408

10927256

8147352

11324312

7750296

11721368

7353240

12118424

6890648

12581016

6493336

12976024

6096280

13369240

Harmonies

Analogous

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



9277594



9735832



10063251

Triad

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



9735832



9998214



8622994

Complementary

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



9735832



9607310

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.



8819597



9735832



9605254

Square

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



9735832



10194313



9212552



8688535

Rectangle

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



9735832



10194064



9212552



8688528

Sweetspot

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



9735832



12828868



9343640



6512995



14935011



6513507

Same Dimension

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



9735832



12498372



9997975



4801869



5505164



524301

Inverse Universe

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



9997970



12891579



9345167



5064008



9175096



851973

Previews

White Background



This preview shows how the Decimal color 9735832 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 9735832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

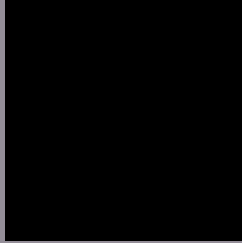
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

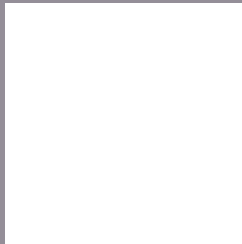
Any Text WCAG AAA × Fail

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

Decimal 9735832 Background



This preview shows how black text looks on a background with the Decimal color 9735832.



This preview shows how white text looks on a background with the Decimal color 9735832.

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



Original Color
9735832

Protanopia
9473945

Deuteranopia
10128536



Tritanopia
9735833

Trichromacy



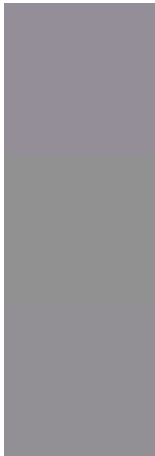
Original Color
9735832

Protanomaly
9539481

Deuteranomaly
9997720

Tritanomaly
9735833

Monochromacy



Original Color
9735832

Achromatopsia
9539985

Achromatomaly
9605268

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9735832 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 #948E98 looks like.

```
.text, #text, p{  
    color:#948E98  
}
```

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 #948E98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #948E98
}
```

Border

The CSS property to change the border of an element to Decimal 9735832 is called "border". The border property can be set on classes, ids or directly on the HTML element.

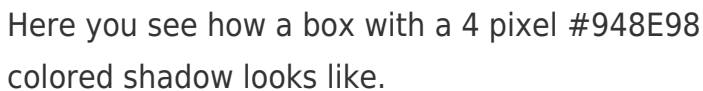
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#948E98 }
```

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

```
.border{ border-color:#948E98 }
```

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



Here you see how a box with a 4 pixel #948E98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #948E98; -webkit-box-shadow:4px 4px  
4px 4px #948E98; box-shadow:4px 4px 4px  
4px #948E98 }
```

Background

The CSS property to change the background color of an element to Decimal 9735832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#948E98 }
```

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

```
.background{ background-color:#948E98 }
```

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