

Converting Colors

Decimal(9872742)

Have a look what the booklet for
Decimal(9872742) contains.

Decimal(9872742)	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(9872742)

Conversions

Conversions Part 1

Format	Color
Hex	96A566
RGB	150, 165, 102
RGB Percent	59%, 65%, 40%
CMY	0.4118, 0.3529, 0.6000
CMYK	0.09, 0.00, 0.38, 0.35
HSL	74°, 26%, 52%
HSV	74°, 38%, 65%
XYZ	28.4311, 34.3536, 17.7028
YIQ	153.3330, 11.2830, -22.7730

Conversions

Conversions Part 2

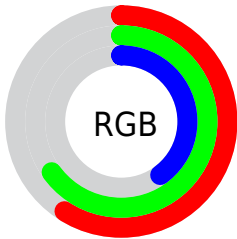
Format	Color
RYB	102, 165, 117
Decimal	9872742
CIELab	65.24, -15.79, 30.91
CIELCh	65, 34.714, 117.058
Yxy	34.3536, 0.3532, 0.4268
Android (android.graphics.Color)	4288062822 (0xFF96A566)
YUV	153.3330, -25.3072, -2.9230
Hunter-Lab	58.6119, -15.9854, 23.1208

Details

The Decimal color **9872742** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7693989**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **13491354**, and **6451510** is the 20% darker color. If you saturate the color by 10%, you get **9610581**, and if you desaturate by 10%, it is **10134902**.

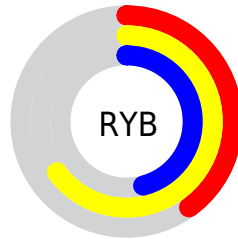
Distribution



Red (59%)

Green (65%)

Blue (40%)



Red (40%)

Yellow (65%)

Blue (46%)

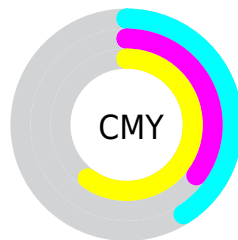


Cyan (9%)

Magenta (0%)

Yellow (38%)

Black (35%)



Cyan (41%)

Magenta (35%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9872742 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 9872742 by changing the saturation by 10% instead.



9872742



9872742

16777215



8162125



13491354



6451510



15333813



4806942



16777169



3227910



16777197



1846016



6144



0



9872742



9872742



9610581



10134902

■ 9348421

■ 10397063

■ 9086260

■ 10659223

■ 8824100

■ 10921384

■ 8561939

■ 11183544

■ 8299779

■ 11445705

■ 8299776

■ 11642329

■ 11904490

■ 12166650

Harmonies

Analogous

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



11967328



9872742



7449724

Triad

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



9872742



3713746



14124963

Complementary

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



9872742



7693989

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.



12815809



9872742



7185116

Square

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



9872742



2338746



10393558



14387332

Rectangle

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



9872742



5746319



10393558



13863085

Sweetspot

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



9872742



13751999



10843494



6843229



15461355



7039851

Same Dimension

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



9872742



12572276



7841126



5263945



7311616



922112

Inverse Universe

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



7693989



9139414



9725605



4933970



2293905



262162

Previews

White Background



This preview shows how the Decimal color 9872742 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 9872742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

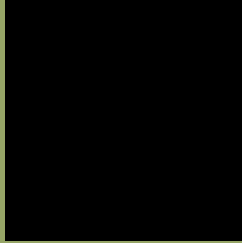
Any Text WCAG AA ✓ Pass

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 9872742 Background



This preview shows how black text looks on a background with the Decimal color 9872742.



This preview shows how white text looks on a background with the Decimal color 9872742.

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
9872742

Protanopia
11312739

Deuteranopia
12490601



Tritanopia
10460585

Trichromacy



Original Color
9872742

Protanomaly
10789220

Deuteranomaly
11508840

Tritanomaly
10264721

Monochromacy



Original Color
9872742

Achromatopsia
10066329

Achromatomaly
10001798

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9872742 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 #96A566 looks like.

```
.text, #text, p{  
    color:#96A566  
}
```

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 #96A566 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96A566  
}
```

Border

The CSS property to change the border of an element to Decimal 9872742 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  
#96A566 }
```

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

```
.border{ border-color:#96A566 }
```

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

Here you see how a box with a 4 pixel #96A566 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96A566; -webkit-box-shadow:4px 4px  
4px 4px #96A566; box-shadow:4px 4px 4px  
4px #96A566 }
```

Background

The CSS property to change the background color of an element to Decimal 9872742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96A566 }
```

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

```
.background{ background-color:#96A566 }
```

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