

Converting Colors

Decimal(9736313)

Have a look what the booklet for
Decimal(9736313) contains.

Decimal(9736313)	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(9736313)

Conversions

Conversions Part 1

Format	Color
Hex	949079
RGB	148, 144, 121
RGB Percent	58%, 56%, 47%
CMY	0.4196, 0.4353, 0.5255
CMYK	0.00, 0.03, 0.18, 0.42
HSL	51°, 11%, 53%
HSV	51°, 18%, 58%
XYZ	25.6372, 27.6229, 22.0697
YIQ	142.5740, 9.7670, -6.3050

Conversions

Conversions Part 2

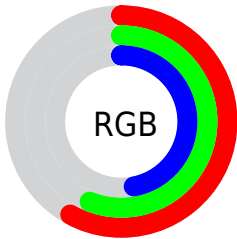
Format	Color
R_{YB}	126, 148, 121
Decimal	9736313
CIE _{Lab}	59.55, -2.57, 12.77
CIE _{LCh}	60, 13.026, 101.394
Yxy	27.6229, 0.3403, 0.3667
Android (android.graphics.Color)	4287926393 (0xFF949079)
YUV	142.5740, -10.6360, 4.7586
Hunter-Lab	52.5575, -4.9045, 11.8935

Details

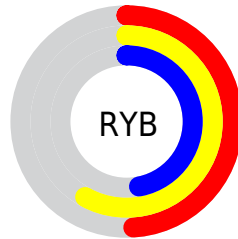
The Decimal color **9736313** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7962004**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **13289133**, and **6381128** is the 20% darker color. If you saturate the color by 10%, you get **9735786**, and if you desaturate by 10%, it is **9736840**.

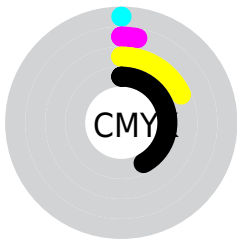
Distribution



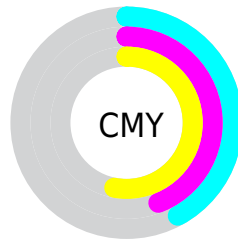
- Red (58%)
- Green (56%)
- Blue (47%)



- Red (49%)
- Yellow (58%)
- Blue (47%)



- Cyan (0%)
- Magenta (3%)
- Yellow (18%)
- Black (42%)



- Cyan (42%)
- Magenta (44%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9736313 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 9736313 by changing the saturation by 10% instead.



9736313



9736313

16777215



8025696



13289133



6381128



15131337



4802098



16776933



3289117



1972996



0



9736313



9736313



9735786



9736840



9735259



9737367

9734477

9738149

9733950

9738676

9733423

9739203

9732896

9739730

9732369

9740257

9731587

9741039

9731584

9741566

Harmonies

Analogous

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



10456186



9736313



8885118

Triad

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



9736313



7574942



10651799

Complementary

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



9736313



7962004

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.



9931681



9736313



8098725

Square

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



9736313



7575187



8949670



11045003

Rectangle

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



9736313



8295812



8949670



10455451

Sweetspot

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



9736313



12566198



9730429



6381659



14737632



6381921

Same Dimension

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



9736313



12564885



9147513



4868419



9073920



657664

Inverse Universe

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



7962004



9804735



8550804



4408394



5258



522

Previews

White Background



This preview shows how the Decimal color 9736313 looks on a white background.

Color Contrast Check

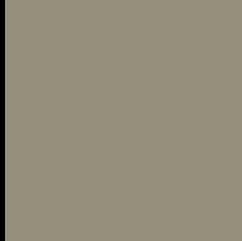
Large Text (above 18pt) WCAG AA ✓ Pass

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 9736313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

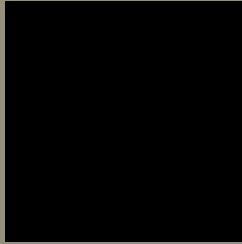
Any Text WCAG AA ✓ Pass

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 9736313 Background



This preview shows how black text looks on a background with the Decimal color 9736313.



This preview shows how white text looks on a background with the Decimal color 9736313.

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
9736313

Protanopia
9932665

Deuteranopia
10848890



Tritanopia
9997463

Trichromacy



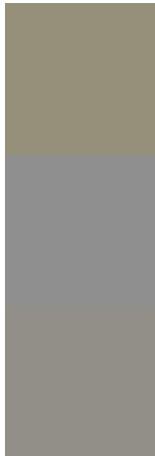
Original Color
9736313

Protanomaly
9867129

Deuteranomaly
10456186

Tritanomaly
9932172

Monochromacy



Original Color
9736313

Achromatopsia
9408399

Achromatomaly
9539463

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9736313 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 #949079 looks like.

```
.text, #text, p{  
    color:#949079  
}
```

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 #949079 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949079
}
```

Border

The CSS property to change the border of an element to Decimal 9736313 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
#949079 }
```

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

```
.border{ border-color:#949079 }
```

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

Here you see how a box with a 4 pixel #949079 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949079; -webkit-box-shadow:4px 4px  
4px 4px #949079; box-shadow:4px 4px 4px  
4px #949079 }
```

Background

The CSS property to change the background color of an element to Decimal 9736313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949079 }
```

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

```
.background{ background-color:#949079 }
```

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