

Converting Colors

Decimal(10001013)

Have a look what the booklet for
Decimal(10001013) contains.

Decimal(10001013)	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(10001013)

Conversions

Conversions Part 1

Format	Color
Hex	989A75
RGB	152, 154, 117
RGB Percent	60%, 60%, 46%
CMY	0.4039, 0.3961, 0.5412
CMYK	0.01, 0.00, 0.24, 0.40
HSL	63°, 15%, 53%
HSV	63°, 24%, 60%
XYZ	27.7154, 31.0710, 21.3662
YIQ	149.1840, 10.6850, -11.9310

Conversions

Conversions Part 2

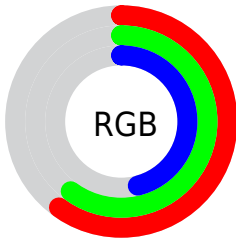
Format	Color
RYB	117, 154, 119
Decimal	10001013
CIELab	62.57, -7.09, 19.24
CIElCh	63, 20.505, 110.233
Yxy	31.0710, 0.3458, 0.3876
Android (android.graphics.Color)	4288191093 (0xFF989A75)
YUV	149.1840, -15.8667, 2.4696
Hunter-Lab	55.7413, -8.7946, 16.2925

Details

The Decimal color **10001013** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7828890**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **13619369**, and **6645572** is the 20% darker color. If you saturate the color by 10%, you get **9935462**, and if you desaturate by 10%, it is **10066564**.

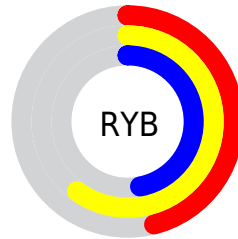
Distribution



Red (60%)

Green (60%)

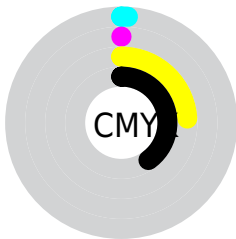
Blue (46%)



Red (46%)

Yellow (60%)

Blue (47%)

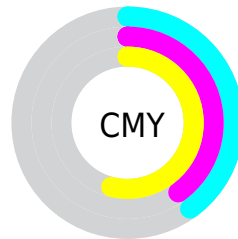


Cyan (1%)

Magenta (0%)

Yellow (24%)

Black (40%)



Cyan (40%)

Magenta (40%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10001013 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 10001013 by changing the saturation by 10% instead.

 10001013

 10001013

16777215

 8290396


 13619369

 6645572

 15461829

 5001006

 16777185

 3487768

16777213

 2106112

 3584

 0

 10001013

 10001013

 9935462

 10066564

■ 9869910

■ 10132116

■ 9869895

■ 10132131

■ 9804343

■ 10197683

■ 9738792

■ 10263234

■ 9673241

■ 10328785

■ 9607689

■ 10394337

■ 9607680

■ 10459888

■ 10459903

Harmonies

Analogous

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



11244660



10001013



8626048

Triad

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



10001013



6856627



12094366

Complementary

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



10001013



7828890

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.



11112367



10001013



8035259

Square

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



10001013



6660771



9606585



12422028

Rectangle

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



10001013



7774602



9606585



11832484

Sweetspot

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



10001013



13224379



10123125



6710878



15132390



6710886

Same Dimension

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



10001013



13027727



8821365



5000517



8752128



789760

Inverse Universe

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



7828890



9605065



9008538



4539725



524428



65549

Previews

White Background



This preview shows how the Decimal color 10001013 looks on a white background.

Color Contrast Check

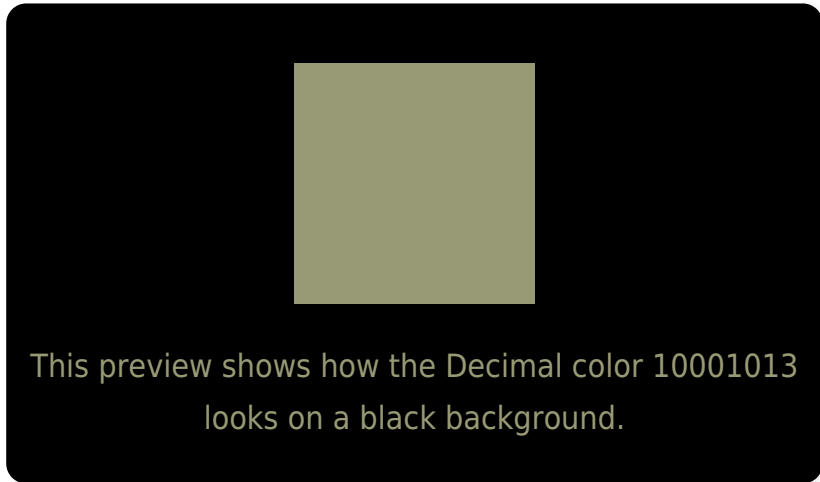
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

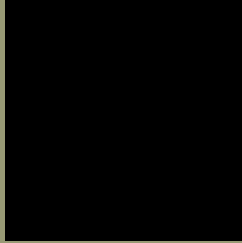
Any Text WCAG AA ✓ Pass

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 10001013 Background



This preview shows how black text looks on a background with the Decimal color 10001013.



This preview shows how white text looks on a background with the Decimal color 10001013.

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
10001013

Protanopia
10655604

Deuteranopia
11637111



Tritanopia
10392736

Trichromacy



Original Color
10001013

Protanomaly
10393716

Deuteranomaly
11048054

Tritanomaly
10262160

Monochromacy



Original Color
10001013

Achromatopsia
9803157

Achromatomaly
9869193

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10001013 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 #989A75 looks like.

```
.text, #text, p{  
  color:#989A75  
}
```

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 #989A75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #989A75
}
```

Border

The CSS property to change the border of an element to Decimal 10001013 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
#989A75 }
```

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

```
.border{ border-color:#989A75 }
```

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

Here you see how a box with a 4 pixel #989A75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #989A75; -webkit-box-shadow:4px 4px  
4px 4px #989A75; box-shadow:4px 4px 4px  
4px #989A75 }
```

Background

The CSS property to change the background color of an element to Decimal 10001013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#989A75 }
```

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

```
.background{ background-color:#989A75 }
```

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