

Converting Colors

Decimal(9850503)

Have a look what the booklet for
Decimal(9850503) contains.

Decimal(9850503)	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(9850503)

Conversions

Conversions Part 1

Format	Color
Hex	964E87
RGB	150, 78, 135
RGB Percent	59%, 31%, 53%
CMY	0.4118, 0.6941, 0.4706
CMYK	0.00, 0.48, 0.10, 0.41
HSL	312°, 32%, 45%
HSV	312°, 48%, 59%
XYZ	19.6752, 13.6821, 24.5256
YIQ	106.0260, 24.6150, 32.9910

Conversions

Conversions Part 2

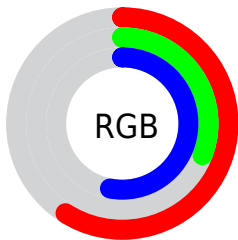
Format	Color
RYB	150, 78, 135
Decimal	9850503
CIELab	43.77, 38.13, -18.63
CIELCh	44, 42.440, 333.961
Yxy	13.6821, 0.3399, 0.2364
Android (android.graphics.Color)	4288040583 (0xFF964E87)
YUV	106.0260, 14.2842, 38.5652
Hunter-Lab	36.9893, 30.2160, -13.4194

Details

The Decimal color **9850503** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5150301**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **13533628**, and **6364245** is the 20% darker color. If you saturate the color by 10%, you get **9846660**, and if you desaturate by 10%, it is **9854346**.

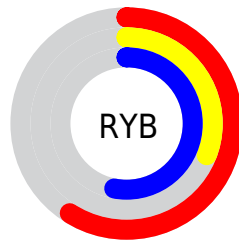
Distribution



Red (59%)

Green (31%)

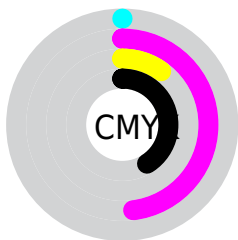
Blue (53%)



Red (59%)

Yellow (31%)

Blue (53%)

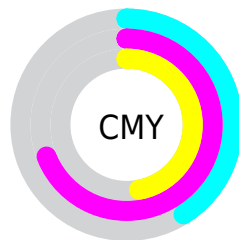


Cyan (0%)

Magenta (48%)

Yellow (10%)

Black (41%)



Cyan (41%)

Magenta (69%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9850503 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 9850503 by changing the saturation by 10% instead.

9850503

9850503

16777215

8074606

13533628

6364245

15375576

4718654

16759029

3145768

16766207

1179666

16773375

0

9850503

9850503

9846660

9854346

9842817

9858189

9838974

9862032

9835130

9865875

9831287

9869719

9830519

9873562

9877405

9881248

9885091

Harmonies

Analogous

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



7298210



9850503



10962788

Triad

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



9850503



7759644



30862

Complementary

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



9850503



5150301

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.



31083



9850503



5402921

Square

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



9850503



9656871



1668679



29606

Rectangle

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



9850503



10963533



1668679



30851

Sweetspot

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



9850503



12756924



6049430



6377565



14737632



6381921

Same Dimension

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



9850503



12734890



9850468



4866888



9044077



655368

Inverse Universe

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



9850503



12734890



5150336



4866888



9044077



655368

Previews

White Background



This preview shows how the Decimal color 9850503 looks on a white background.

Color Contrast Check

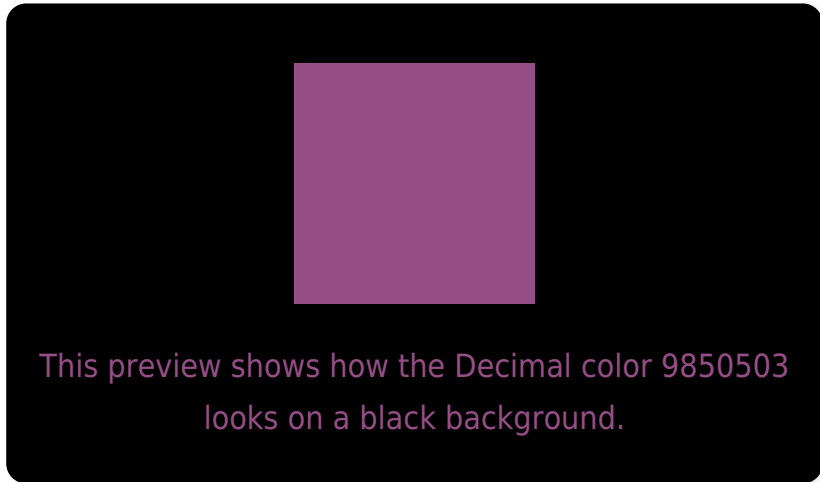
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

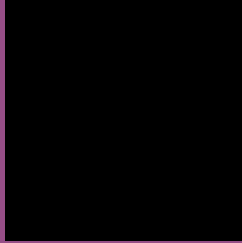
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 9850503 Background



This preview shows how black text looks on a background with the Decimal color 9850503.




This preview shows how white text looks on a background with the Decimal color 9850503.

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
9525086

Trichromacy



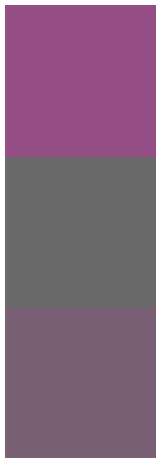
Original Color
9850503

Protanomaly
7232915

Deuteranomaly
7757188

Tritanomaly
9655405

Monochromacy



Original Color
9850503

Achromatopsia
6974058

Achromatomaly
8020085

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9850503 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 #964E87 looks like.

```
.text, #text, p{  
    color:#964E87  
}
```

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 #964E87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #964E87
}
```

Border

The CSS property to change the border of an element to Decimal 9850503 is called "border". The border property can be set on classes, ids or directly on the HTML element.

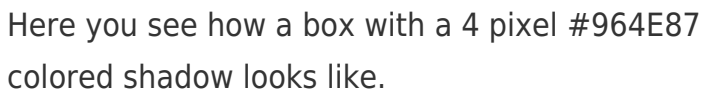
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#964E87 }
```

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

```
.border{ border-color:#964E87 }
```

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



Here you see how a box with a 4 pixel #964E87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #964E87; -webkit-box-shadow:4px 4px  
4px 4px #964E87; box-shadow:4px 4px 4px  
4px #964E87 }
```

Background

The CSS property to change the background color of an element to Decimal 9850503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#964E87 }
```

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

```
.background{ background-color:#964E87 }
```

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