

# Converting Colors

Decimal(10042731)

Have a look what the booklet for  
Decimal(10042731) contains.

<b>Decimal(10042731)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(10042731)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	993D6B
RGB	153, 61, 107
RGB Percent	60%, 24%, 42%
CMY	0.4000, 0.7608, 0.5804
CMYK	0.00, 0.60, 0.30, 0.40
HSL	330°, 43%, 42%
HSV	330°, 60%, 60%
XYZ	17.4595, 11.1713, 15.1460
YIQ	93.7520, 40.0660, 33.8100

# Conversions

## Conversions Part 2

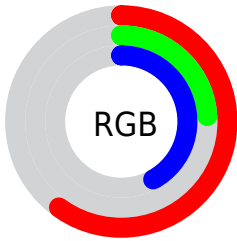
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 61, 107
Decimal	10042731
CIE Lab	39.87, 43.42, -7.30
CIE LCh	40, 44.030, 350.451
Yxy	11.1713, 0.3988, 0.2552
Android (android.graphics.Color)	4288232811 (0xFF993D6B)
YUV	93.7520, 6.5313, 51.9605
Hunter-Lab	33.4235, 34.7519, -3.4710

# Details

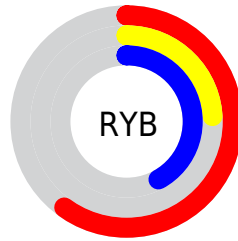
The Decimal color **10042731** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **4036971**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **13791646**, and **6488124** is the 20% darker color. If you saturate the color by 10%, you get **10038883**, and if you desaturate by 10%, it is **10046579**.

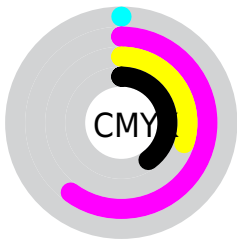
# Distribution



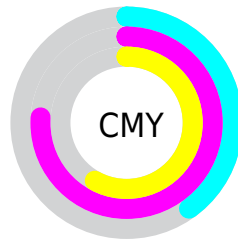
- Red (60%)
- Green (24%)
- Blue (42%)



- Red (60%)
- Yellow (24%)
- Blue (42%)



- Cyan (0%)
- Magenta (60%)
- Yellow (30%)
- Black (40%)



- Cyan (40%)
- Magenta (76%)
- Yellow (58%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 10042731 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 10042731 by changing the saturation by 10% instead.



 10042731       10042731

16777215       8200787

 13791646       6488124

 15699129       4718630

 16754645       3276817

 16761841       0

 16769023

 16776703

 10042731       10042731

 10038883       10046579

10034780

10050682

10030932

10054530

10027085

10058378

10062481

10066329

10070177

10074024

10078128

# Harmonies

## Analogous

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



8276620



10042731



10435911

# Triad

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



10042731



5858322



27797

# Complementary

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



10042731



4036971

# 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.



28534



10042731



2911021

# Square

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



10042731



8017936



28241



26021

# Rectangle

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



10042731



9979185



28241



28300



# Sweetspot

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



10042731



13083573



7028121



6508121



14935011



6513507



# Same Dimension

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



10042731



13056127



10042685



5064009



9175110



851974



# Inverse Universe

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



10042731



13056127



4037017



5064009



9175110

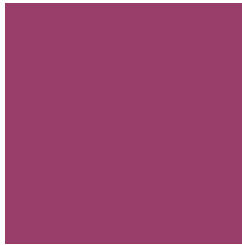


851974



# Previews

## White Background



This preview shows how the Decimal color 10042731 looks on a white background.

## Color Contrast Check

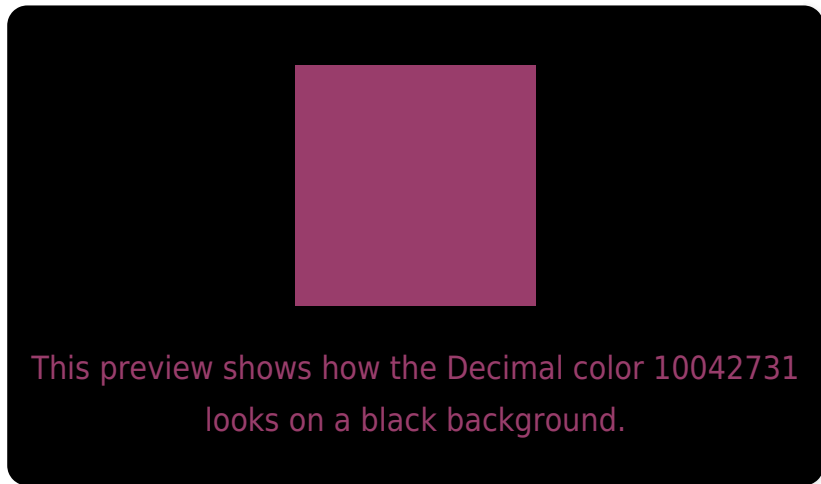
Large Text (above 18pt) WCAG AA ✓ Pass

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 10042731 Background



This preview shows how black text looks on a background with the Decimal color 10042731.




This preview shows how white text looks on a background with the Decimal color 10042731.

# 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**  
9848137

# Trichromacy



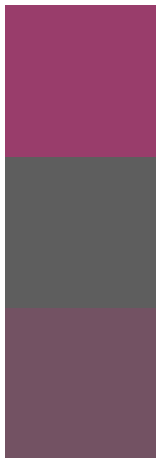
**Original Color**  
10042731

**Protanomaly**  
7164281

**Deuteranomaly**  
7819624

**Tritanomaly**  
9912917

# Monochromacy



**Original Color**  
10042731

**Achromatopsia**  
6184542

**Achromatomaly**  
7557731

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10042731 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 #993D6B looks like.

```
.text, #text, p{  
    color:#993D6B  
}
```

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 #993D6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #993D6B
}
```

## Border

The CSS property to change the border of an element to Decimal 10042731 is called "border". The border property can be set on classes, ids or directly on the HTML element.

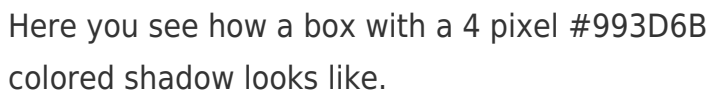
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#993D6B }
```

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

```
.border{ border-color:#993D6B }
```

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



Here you see how a box with a 4 pixel #993D6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #993D6B; -webkit-box-shadow:4px 4px  
4px 4px #993D6B; box-shadow:4px 4px 4px  
4px #993D6B }
```

# Background

The CSS property to change the background color of an element to Decimal 10042731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#993D6B }
```

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

```
.background{ background-color:#993D6B }
```

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