

# Converting Colors

Decimal(10043306)

Have a look what the booklet for  
Decimal(10043306) contains.

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**Color**

**Decimal(10043306)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	993FAA
RGB	153, 63, 170
RGB Percent	60%, 25%, 67%
CMY	0.4000, 0.7529, 0.3333
CMYK	0.10, 0.63, 0.00, 0.33
HSL	290°, 46%, 46%
HSV	290°, 63%, 67%
XYZ	22.1701, 13.2296, 39.4153
YIQ	102.1080, 19.2930, 52.3570

# Conversions

## Conversions Part 2

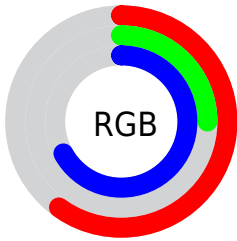
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 63, 170
Decimal	10043306
CIE <sub>Lab</sub>	43.11, 53.01, -40.63
CIE <sub>LCh</sub>	43, 66.791, 322.533
Yxy	13.2296, 0.2963, 0.1768
Android (android.graphics.Color)	4288233386 (0xFF993FAA)
YUV	102.1080, 33.4708, 44.6323
Hunter-Lab	36.3725, 45.1489, -38.7892

# Details

The Decimal color **10043306** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **5286463**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **13792482**, and **6488181** is the 20% darker color. If you saturate the color by 10%, you get **9842346**, and if you desaturate by 10%, it is **10244266**.

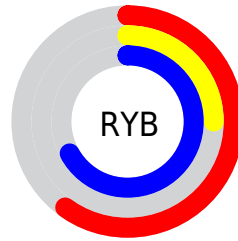
# Distribution



Red (60%)

Green (25%)

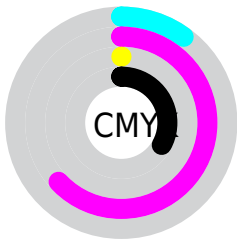
Blue (67%)



Red (60%)

Yellow (25%)

Blue (67%)

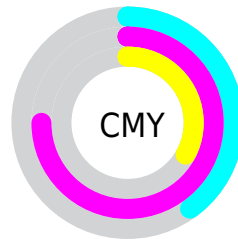


Cyan (10%)

Magenta (63%)

Yellow (0%)

Black (33%)



Cyan (40%)

Magenta (75%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10043306 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 10043306 by changing the saturation by 10% instead.



 10043306

 10043306

16777215

 8201103

 13792482

 6488181

 15699967

 4718684

 16755711

 3080260

 16762879

 1245229

 16770303

 279

 0

 10043306

 10043306

 9842346

 10244266

9706922

10379690

9505962

10580650

9371818

10781610

10982570

11117994

11318954

11519914

11655338

# Harmonies

## Analogous

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



3825101



10043306



12524918

# Triad

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



10043306



8937216



32143

# Complementary

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



10043306



5286463

# 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.



32086



10043306



5533440

# Square

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



10043306



11420930



30745



31678

# Rectangle

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



10043306



12917329



30745



32380



# Sweetspot

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



10043306



14136542



4149674



7100016



15790320



7368816



# Same Dimension

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



10043306



12793310



11157382



5459028



8126612



1114132



# Inverse Universe

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



11157328



14562640



4172387



5524557



9699351



1310723



# Previews

## White Background



This preview shows how the Decimal color 10043306 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



This preview shows how the Decimal color 10043306 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

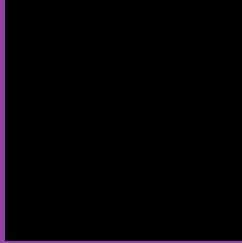
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 10043306 Background



This preview shows how black text looks on a background with the Decimal color 10043306.

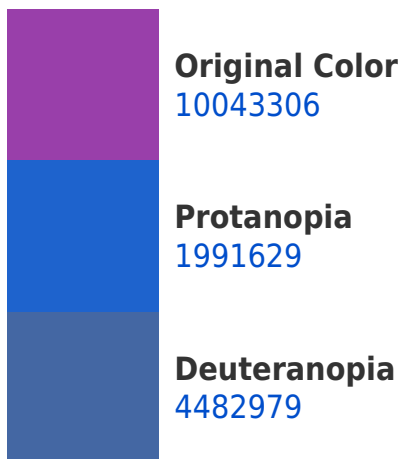



This preview shows how white text looks on a background with the Decimal color 10043306.

# 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**  
9393756

# Trichromacy



**Original Color**  
10043306



**Protanomaly**  
4937408



**Deuteranomaly**  
6510758



**Tritanomaly**  
9653880

# Monochromacy



**Original Color**  
10043306



**Achromatopsia**  
6710886



**Achromatomaly**  
7952511

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10043306 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 #993FAA looks like.

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

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 #993FAA colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 10043306 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
#993FAA }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 10043306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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](#).



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