

# Converting Colors

Decimal(10053003)

Have a look what the booklet for  
Decimal(10053003) contains.

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**Color**

**Decimal(10053003)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99658B
RGB	153, 101, 139
RGB Percent	60%, 40%, 55%
CMY	0.4000, 0.6039, 0.4549
CMYK	0.00, 0.34, 0.09, 0.40
HSL	316°, 20%, 50%
HSV	316°, 34%, 60%
XYZ	22.4508, 17.9437, 26.7063
YIQ	120.8800, 18.7940, 22.8420

# Conversions

## Conversions Part 2

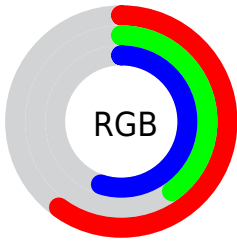
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 101, 139
Decimal	10053003
CIE <sub>Lab</sub>	49.43, 27.06, -12.39
CIE <sub>LCh</sub>	49, 29.761, 335.405
Yxy	17.9437, 0.3346, 0.2674
Android (android.graphics.Color)	4288243083 (0xFF99658B)
YUV	120.8800, 8.9332, 28.1692
Hunter-Lab	42.3601, 20.4746, -7.7279

# Details

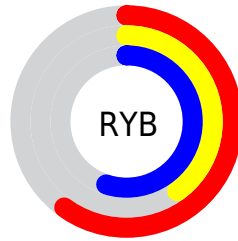
The Decimal color **10053003** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6658419**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **13670849**, and **6632793** is the 20% darker color. If you saturate the color by 10%, you get **10049159**, and if you desaturate by 10%, it is **10056847**.

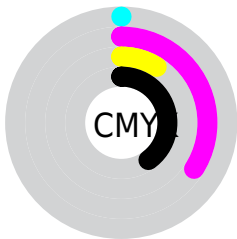
# Distribution



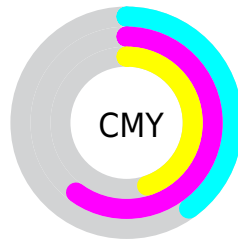
- Red (60%)
- Green (40%)
- Blue (55%)



- Red (60%)
- Yellow (40%)
- Blue (55%)



- Cyan (0%)
- Magenta (34%)
- Yellow (9%)
- Black (40%)



- Cyan (40%)
- Magenta (60%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10053003 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 10053003 by changing the saturation by 10% instead.



 10053003

 10053003

16777215

 8342641

 13670849

 6632793

 15578332

 4988482

 16764921

 3409451

 16772351

 2162711

 0

 10053003

 10053003

 10049159

 10056847

 10045059

 10060947

10041215

10064791

10037371

10068635

10033526

10072480

10029426

10076580

10027120

10080424

10084268

10088368

# Harmonies

## Analogous

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



8285599



10053003



10904178

# Triad

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



10053003



8549699



33426

# Complementary

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



10053003



6658419

# 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.



2196345



10053003



6782283

# Square

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



10053003



9923912



4686176



2653859

# Rectangle

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



10053003



10904417



4686176



33674



# Sweetspot

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



10053003



13087682



7562649



6510688



14935011



6513507



# Same Dimension

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



10053003



13071793



10052977



5064010



9175142



851977



# Inverse Universe

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



10053003



13071793



6658445



5064010



9175142

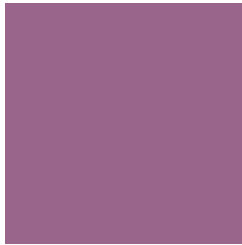


851977



# Previews

## White Background



This preview shows how the Decimal color 10053003 looks on a white background.

## Color Contrast Check

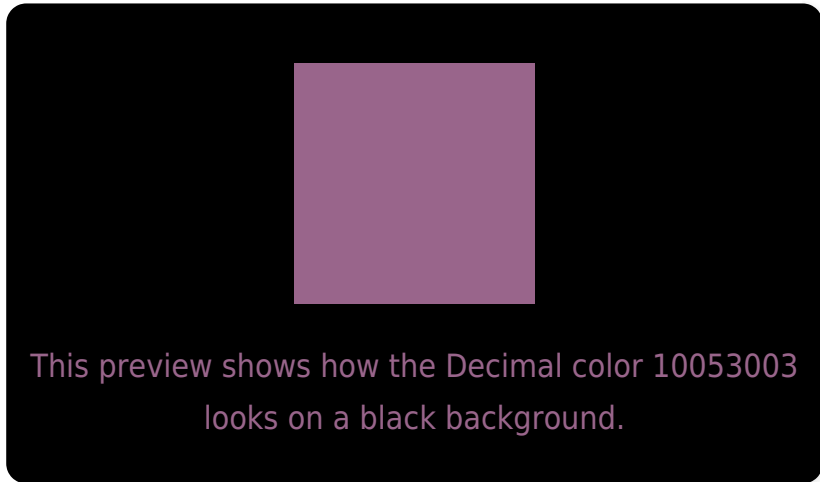
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

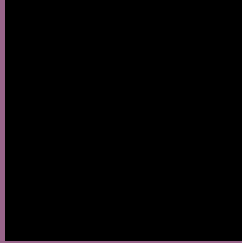
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 10053003 Background



This preview shows how black text looks on a background with the Decimal color 10053003.



This preview shows how white text looks on a background with the Decimal color 10053003.

# 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**  
9857650

# Trichromacy



**Original Color**  
10053003

**Protanomaly**  
8286098

**Deuteranomaly**  
8679049

**Tritanomaly**  
9922683

# Monochromacy



**Original Color**  
10053003

**Achromatopsia**  
7960953

**Achromatomaly**  
8745600

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10053003 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 #99658B looks like.

```
.text, #text, p{  
    color:#99658B  
}
```

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 #99658B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99658B
}
```

## Border

The CSS property to change the border of an element to Decimal 10053003 is called "border". The border property can be set on classes, ids or directly on the HTML element.

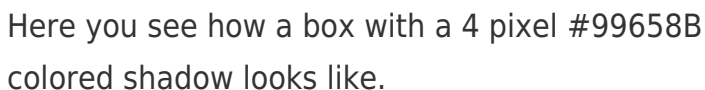
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#99658B }
```

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

```
.border{ border-color:#99658B }
```

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



Here you see how a box with a 4 pixel #99658B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99658B; -webkit-box-shadow:4px 4px  
4px 4px #99658B; box-shadow:4px 4px 4px  
4px #99658B }
```

# Background

The CSS property to change the background color of an element to Decimal 10053003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99658B }
```

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

```
.background{ background-color:#99658B }
```

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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