

# Converting Colors

Decimal(10053257)

Have a look what the booklet for  
Decimal(10053257) contains.

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# Color

**Decimal(10053257)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	996689
RGB	153, 102, 137
RGB Percent	60%, 40%, 54%
CMY	0.4000, 0.6000, 0.4627
CMYK	0.00, 0.33, 0.10, 0.40
HSL	319°, 20%, 50%
HSV	319°, 33%, 60%
XYZ	22.4036, 18.0812, 25.9761
YIQ	121.2390, 19.1610, 21.6970

# Conversions

## Conversions Part 2

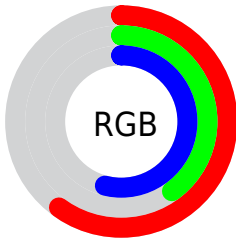
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 102, 137
Decimal	10053257
CIE <sub>Lab</sub>	49.59, 26.13, -10.95
CIE <sub>LCh</sub>	50, 28.327, 337.264
Yxy	18.0812, 0.3371, 0.2721
Android (android.graphics.Color)	4288243337 (0xFF996689)
YUV	121.2390, 7.7702, 27.8544
Hunter-Lab	42.5220, 19.6330, -6.4541

# Details

The Decimal color **10053257** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6723958**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **13671102**, and **6633047** is the 20% darker color. If you saturate the color by 10%, you get **10049412**, and if you desaturate by 10%, it is **10057102**.

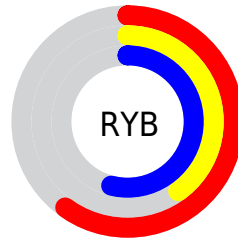
# Distribution



Red (60%)

Green (40%)

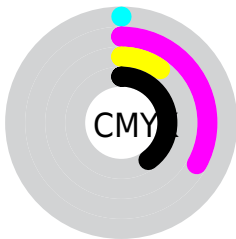
Blue (54%)



Red (60%)

Yellow (40%)

Blue (54%)

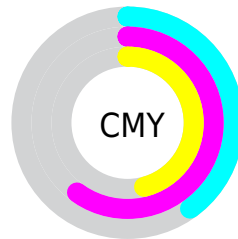


Cyan (0%)

Magenta (33%)

Yellow (10%)

Black (40%)



Cyan (40%)

Magenta (60%)














Yellow (46%)





# Brightness & Saturation Gradients

These gradients show how the Decimal color 10053257 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 10053257 by changing the saturation by 10% instead.



 10053257	 10053257
 16777215	 8342896
 13671102	 6633047
 15578586	 4988736
 16765431	 3409962
 16772607	 2228246
	 0

 10053257	 10053257
 10049412	 10057102
 10045311	 10061203

10041467

10065047

10037622

10068892

10033777

10072993

10029676

10076838

10027113

10080683

10084527

10088628

# Harmonies

## Analogous

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



8416924



10053257



10773361

# Triad

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



10053257



8418886



1213074

# Complementary

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



10053257



6723958

# 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.



2655099



10053257



6716751

# Square

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



10053257



9793098



4817251



3374498

# Rectangle

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



10053257



10773857



4817251



1344139



# Sweetspot

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



10053257



13087681



7693977



6510688



14935011



6513507



# Same Dimension

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



10053257



13072302



10053232



5064010



9175136



851977



# Inverse Universe

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



10053257



13072302



6723983



5064010



9175136

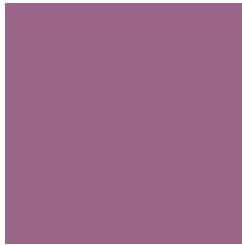


851977



# Previews

## White Background



This preview shows how the Decimal color 10053257 looks on a white background.

## Color Contrast Check

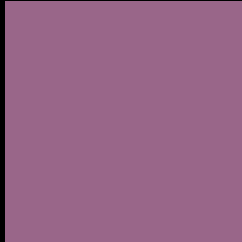
Large Text (above 18pt) WCAG AA ✓ Pass

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 10053257 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

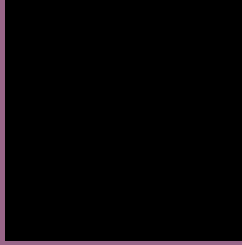
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 10053257 Background



This preview shows how black text looks on a background with the Decimal color 10053257.



This preview shows how white text looks on a background with the Decimal color 10053257.

# 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**  
10053257

**Protanopia**  
7304595

**Deuteranopia**  
8024967



**Tritanopia**  
9857650

# Trichromacy



**Original Color**  
10053257

**Protanomaly**  
8286351

**Deuteranomaly**  
8744584

**Tritanomaly**  
9922938

# Monochromacy



**Original Color**  
10053257

**Achromatopsia**  
7960953

**Achromatomaly**  
8745599

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10053257 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 #996689 looks like.

```
.text, #text, p{  
  color:#996689  
}
```

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 #996689 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #996689
}
```

## Border

The CSS property to change the border of an element to Decimal 10053257 is called "border". The border property can be set on classes, ids or directly on the HTML element.

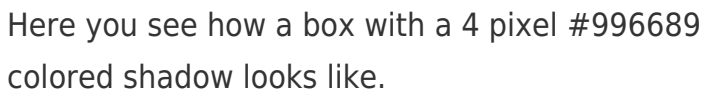
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#996689 }
```

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

```
.border{ border-color:#996689 }
```

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



Here you see how a box with a 4 pixel #996689 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #996689; -webkit-box-shadow:4px 4px  
4px 4px #996689; box-shadow:4px 4px 4px  
4px #996689 }
```

# Background

The CSS property to change the background color of an element to Decimal 10053257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#996689 }
```

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

```
.background{ background-color:#996689 }
```

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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