

# Converting Colors

Decimal(10053273)

Have a look what the booklet for  
Decimal(10053273) contains.

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# Color

**Decimal(10053273)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	996699
RGB	153, 102, 153
RGB Percent	60%, 40%, 60%
CMY	0.4000, 0.6000, 0.4000
CMYK	0.00, 0.33, 0.00, 0.40
HSL	300°, 20%, 50%
HSV	300°, 33%, 60%
XYZ	23.6380, 18.5750, 32.4765
YIQ	123.0630, 14.0250, 26.6730

# Conversions

## Conversions Part 2

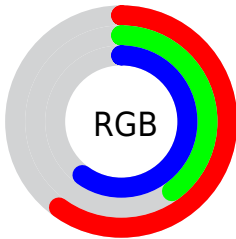
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 102, 153
Decimal	10053273
CIE <sub>Lab</sub>	50.19, 29.15, -19.51
CIE <sub>LCh</sub>	50, 35.077, 326.197
Yxy	18.5750, 0.3165, 0.2487
Android (android.graphics.Color)	4288243353 (0xFF996699)
YUV	123.0630, 14.7589, 26.2547
Hunter-Lab	43.0987, 22.4779, -14.5082

# Details

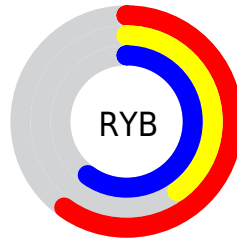
The Decimal color **10053273** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6723942**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **13671119**, and **6633062** is the 20% darker color. If you saturate the color by 10%, you get **10049433**, and if you desaturate by 10%, it is **10057113**.

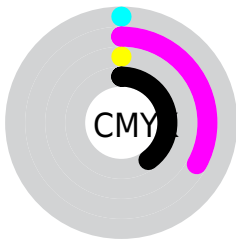
# Distribution



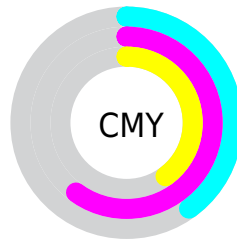
- Red (60%)
- Green (40%)
- Blue (60%)



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



- Cyan (0%)
- Magenta (33%)
- Yellow (0%)
- Black (40%)



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

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10053273 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 10053273 by changing the saturation by 10% instead.



 10053273

 10053273

16777215

 8342911

 13671119

 6633062

 15578604

 4988494

 16765439

 3409719

 16772607

 2228258

 6

 0

 10053273

 10053273

 10049433

 10057113

10045337

10061209

10041497

10065049

10037657

10068889

10033817

10072985

10029721

10076825

10027161

10080665

10084505

10088601

# Harmonies

## Analogous

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



7631277



10053273



11362172

# Triad

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



10053273



9270331



34449

# Complementary

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



10053273



6723942

# 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.



1214322



10053273



7306816

# Square

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



10053273



10775111



4949077



33704

# Rectangle

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



10053273



11624552



4949077



34695



# Sweetspot

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



10053273



13087687



6710937



6510691



14935011



6513507



# Same Dimension

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



10053273



13072327



10053248



5064013



9175180



851981



# Inverse Universe

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



10053273



13072327



6723968



5064013



9175180

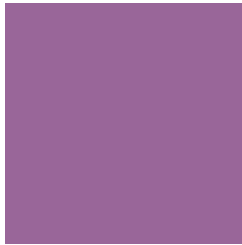


851981



# Previews

## White Background



This preview shows how the Decimal color 10053273 looks on a white background.

## Color Contrast Check

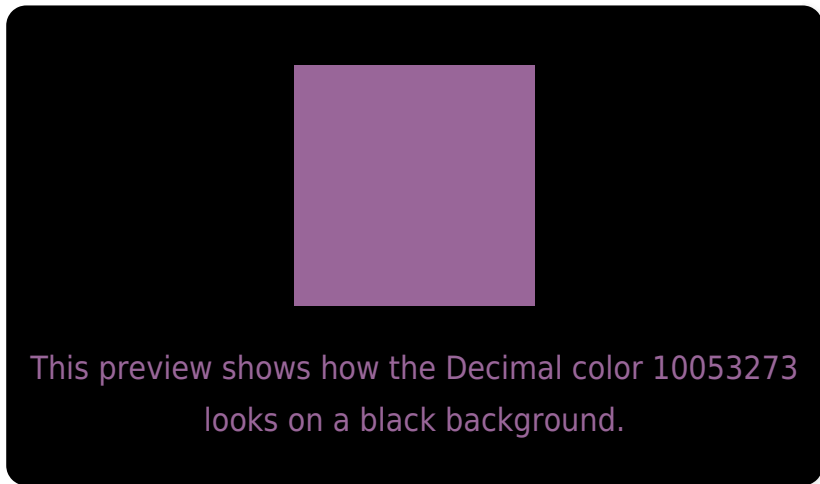
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 10053273 Background



This preview shows how black text looks on a background with the Decimal color 10053273.



This preview shows how white text looks on a background with the Decimal color 10053273.

# 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**  
9727349

# Trichromacy



**Original Color**  
10053273

**Protanomaly**  
8089761

**Deuteranomaly**  
8482967

**Tritanomaly**  
9857666

# Monochromacy



**Original Color**  
10053273

**Achromatopsia**  
8092539

**Achromatomaly**  
8811398

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10053273 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 #996699 looks like.

```
.text, #text, p{  
    color:#996699  
}
```

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 #996699 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #996699
}
```

## Border

The CSS property to change the border of an element to Decimal 10053273 is called "border". The border property can be set on classes, ids or directly on the HTML element.

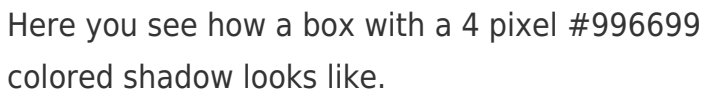
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#996699 }
```

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

```
.border{ border-color:#996699 }
```

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



Here you see how a box with a 4 pixel #996699 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #996699; -webkit-box-shadow:4px 4px  
4px 4px #996699; box-shadow:4px 4px 4px  
4px #996699 }
```

# Background

The CSS property to change the background color of an element to Decimal 10053273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#996699 }
```

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

```
.background{ background-color:#996699 }
```

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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