

# Converting Colors

Decimal(10170039)

Have a look what the booklet for  
Decimal(10170039) contains.

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**Color**

**Decimal(10170039)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B2EB7
RGB	155, 46, 183
RGB Percent	61%, 18%, 72%
CMY	0.3922, 0.8196, 0.2824
CMYK	0.15, 0.75, 0.00, 0.28
HSL	288°, 60%, 45%
HSV	288°, 75%, 72%
XYZ	23.0418, 12.3414, 45.9674
YIQ	94.2090, 20.9870, 65.7150

# Conversions

## Conversions Part 2

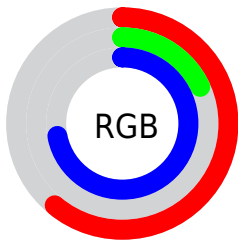
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 46, 183
Decimal	10170039
CIE <sub>Lab</sub>	41.75, 62.83, -50.46
CIE <sub>LCh</sub>	42, 80.583, 321.231
Yxy	12.3414, 0.2832, 0.1517
Android (android.graphics.Color)	4288360119 (0xFF9B2EB7)
YUV	94.2090, 43.7740, 53.3137
Hunter-Lab	35.1304, 55.5988, -52.9885

# Details

The Decimal color **10170039** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **4896558**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **13985776**, and **6488193** is the 20% darker color. If you saturate the color by 10%, you get **9903287**, and if you desaturate by 10%, it is **10436791**.

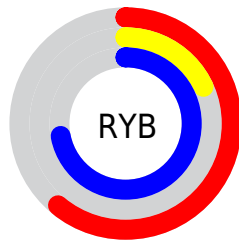
# Distribution



Red (61%)

Green (18%)

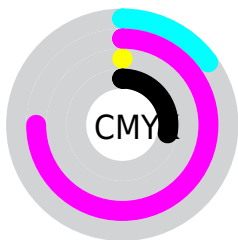
Blue (72%)



Red (61%)

Yellow (18%)

Blue (72%)

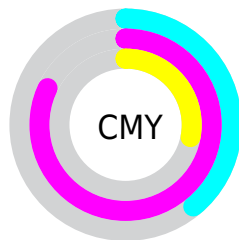


Cyan (15%)

Magenta (75%)

Yellow (0%)

Black (28%)



Cyan (39%)

Magenta (82%)




















Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10170039 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 10170039 by changing the saturation by 10% instead.



 10170039	 10170039
 16777215	 8324252
 13985776	 6488193
 15893503	 4718695
 16752639	 3014735
 16759807	 852023
 16767231	 544
 16774655	 4
	 0
 10170039	 10170039

■ 9903287

■ 10436791

■ 9701815

■ 10638263

■ 9568439

■ 10905015

■ 11171767

■ 11438775

■ 11639991

■ 11906743

■ 12173495

■ 12440503

# Harmonies

## Analogous

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



23265



10170039



13238393

# Triad

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



10170039



9001216



32145

# Complementary

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



10170039



4896558

# 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.



31564



10170039



5008640

# Square

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



10170039



11940864



30464



31691

# Rectangle

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



10170039



13697101



30464



32123



# Sweetspot

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



10170039



14858733



3034295



7428472



16250871



7895160



# Same Dimension

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



10170039



12720365



12005008



5919580



8126620



1441820



# Inverse Universe

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



12004938



15538243



3061589



6050644



10223648



1835014



# Previews

## White Background



This preview shows how the Decimal color 10170039 looks on a white background.

## Color Contrast Check

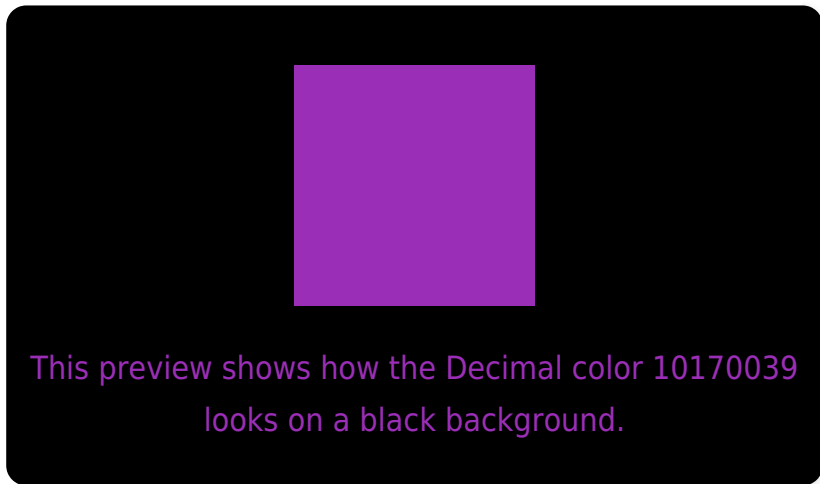
Large Text (above 18pt) WCAG AA ✓ Pass

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

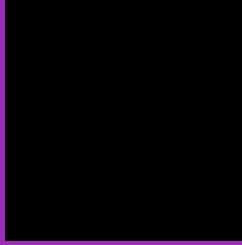
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 10170039 Background



This preview shows how black text looks on a background with the Decimal color 10170039.

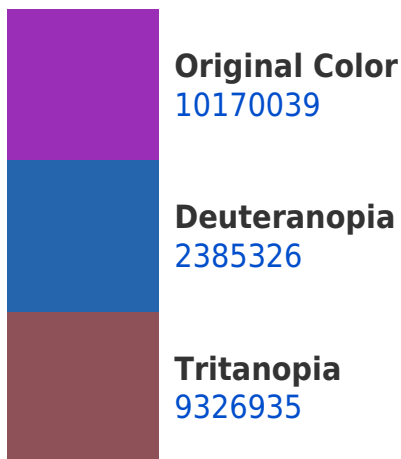


This preview shows how white text looks on a background with the Decimal color 10170039.

# 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



# Trichromacy



**Original Color**  
10170039

**Deuteranomaly**  
5198257

**Tritanomaly**  
9651322

# Monochromacy



**Original Color**  
10170039

**Achromatopsia**  
6184542

**Achromatomaly**  
7622014

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10170039 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 #9B2EB7 looks like.

```
.text, #text, p{  
    color:#9B2EB7  
}
```

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 #9B2EB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B2EB7
}
```

## Border

The CSS property to change the border of an element to Decimal 10170039 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".

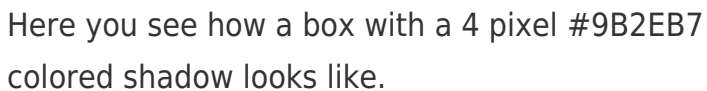
```
.border, #border, table{ border:4px solid
#9B2EB7 }
```

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

```
.border{ border-color:#9B2EB7 }
```

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

Here you see how a box with a 4 pixel #9B2EB7 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B2EB7; -webkit-box-shadow:4px 4px  
4px 4px #9B2EB7; box-shadow:4px 4px 4px  
4px #9B2EB7 }
```

# Background

The CSS property to change the background color of an element to Decimal 10170039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B2EB7 }
```

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

```
.background{ background-color:#9B2EB7 }
```

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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