

# Converting Colors

Decimal(10040035)

Have a look what the booklet for  
Decimal(10040035) contains.

<b>Decimal(10040035)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(10040035)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9932E3
RGB	153, 50, 227
RGB Percent	60%, 20%, 89%
CMY	0.4000, 0.8039, 0.1098
CMYK	0.33, 0.78, 0.00, 0.11
HSL	275°, 76%, 54%
HSV	275°, 78%, 89%
XYZ	28.1426, 14.5996, 74.0078
YIQ	100.9750, 4.5710, 76.8830

# Conversions

## Conversions Part 2

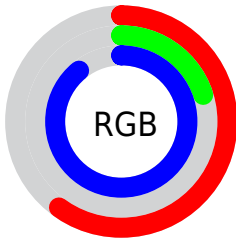
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 50, 227
Decimal	10040035
CIE <sub>Lab</sub>	45.08, 69.98, -70.54
CIE <sub>LCh</sub>	45, 99.358, 314.772
Yxy	14.5996, 0.2411, 0.1250
Android (android.graphics.Color)	4288230115 (0xFF9932E3)
YUV	100.9750, 62.1303, 45.6259
Hunter-Lab	38.2094, 64.6054, -88.0923

# Details

The Decimal color **10040035** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **8184626**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **13987071**, and **6160554** is the 20% darker color. If you saturate the color by 10%, you get **9444323**, and if you desaturate by 10%, it is **10635747**.

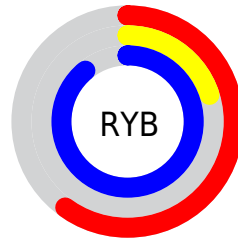
# Distribution



Red (60%)

Green (20%)

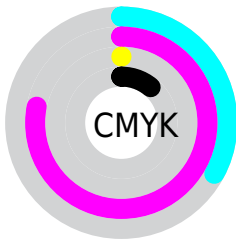
Blue (89%)



Red (60%)

Yellow (20%)

Blue (89%)

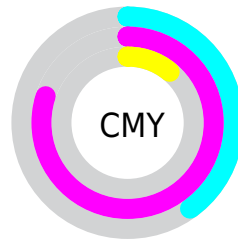


Cyan (33%)

Magenta (78%)

Yellow (0%)

Black (11%)



Cyan (40%)

Magenta (80%)



















Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10040035 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 10040035 by changing the saturation by 10% instead.



 10040035	 10040035
 16777215	 8128966
 13987071	 6160554
 15960319	 4128911
 16753919	 1769589
 16761343	 91
 16768767	 834
 16776191	 811
	 277
	 0

■ 10040035

■ 10040035

■ 9444323

■ 10635747

■ 8783331

■ 11296739

■ 8650979

■ 11892451

■ 12553699

■ 13149155

■ 13810403

■ 14406115

■ 15067363

■ 15662819

# Harmonies

## Analogous

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



27391



10040035



14811289

# Triad

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



10040035



10770176



35219

# Complementary

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



10040035



8184626

# 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.



34619



10040035



6059008

# Square

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



10040035



14155776



33024



35296

# Rectangle

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



10040035



15859810



33024



35191



# Sweetspot

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



10040035



15123711



3309539



7429248



0



8421504



# Same Dimension

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



10040035



10162175



14889687



7235443



6815923



1966131



# Inverse Universe

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



14889596



16715636



3334974



7563116



11731019



3342357



# Previews

## White Background



This preview shows how the Decimal color 10040035 looks on a white background.

## Color Contrast Check

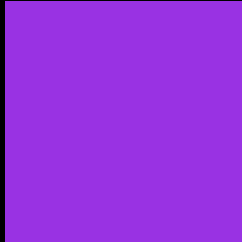
Large Text (above 18pt) WCAG AA ✓ Pass

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 10040035 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

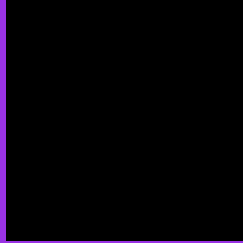
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 10040035 Background



This preview shows how black text looks on a background with the Decimal color 10040035.

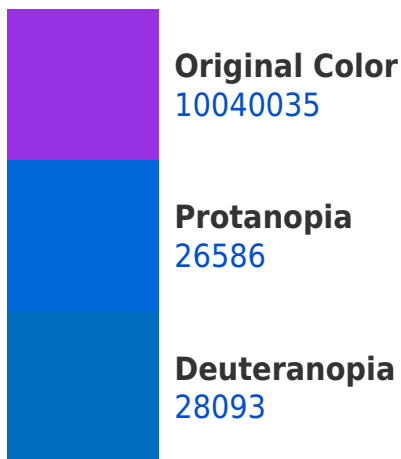



This preview shows how white text looks on a background with the Decimal color 10040035.

# 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**  
8610409

# Trichromacy



**Original Color**  
10040035



**Protanomaly**  
3691741



**Deuteranomaly**  
3692747



**Tritanomaly**  
9130389

# Monochromacy



**Original Color**  
10040035



**Achromatopsia**  
6645093



**Achromatomaly**  
7885459

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10040035 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 #9932E3 looks like.

```
.text, #text, p{  
  color:#9932E3  
}
```

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 #9932E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9932E3
}
```

## Border

The CSS property to change the border of an element to Decimal 10040035 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".

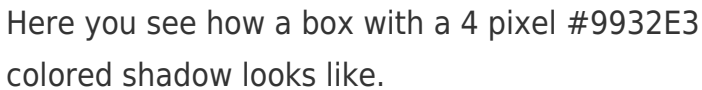
```
.border, #border, table{ border:4px solid
#9932E3 }
```

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

```
.border{ border-color:#9932E3 }
```

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

Here you see how a box with a 4 pixel #9932E3 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9932E3; -webkit-box-shadow:4px 4px  
4px 4px #9932E3; box-shadow:4px 4px 4px  
4px #9932E3 }
```

# Background

The CSS property to change the background color of an element to Decimal 10040035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9932E3 }
```

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

```
.background{ background-color:#9932E3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor