

# Converting Colors

Decimal(11443177)

Have a look what the booklet for  
Decimal(11443177) contains.

<b>Decimal(11443177)</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(11443177)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AE9BE9
RGB	174, 155, 233
RGB Percent	68%, 61%, 91%
CMY	0.3176, 0.3922, 0.0863
CMYK	0.25, 0.33, 0.00, 0.09
HSL	255°, 64%, 76%
HSV	255°, 33%, 91%
XYZ	43.8849, 38.3246, 82.1752
YIQ	169.5730, -13.7140, 28.2860

# Conversions

## Conversions Part 2

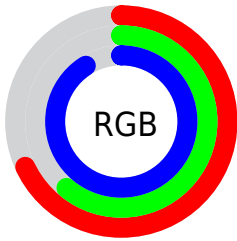
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 155, 233
Decimal	11443177
CIELab	68.26, 23.27, -36.82
CIELCh	68, 43.553, 302.290
Yxy	38.3246, 0.2670, 0.2331
Android (android.graphics.Color)	4289633257 (0xFFAE9BE9)
YUV	169.5730, 31.2695, 3.8825
Hunter-Lab	61.9068, 18.1992, -35.3668

# Details

The Decimal color **11443177** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **14084507**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **15192831**, and **7891121** is the 20% darker color. If you saturate the color by 10%, you get **10257641**, and if you desaturate by 10%, it is **12628713**.

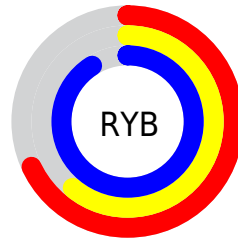
# Distribution



Red (68%)

Green (61%)

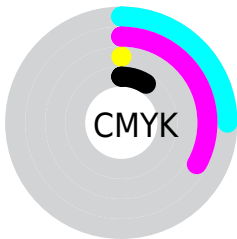
Blue (91%)



Red (68%)

Yellow (61%)

Blue (91%)

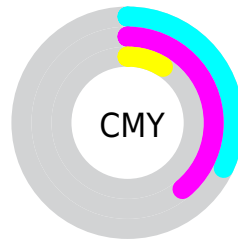


Cyan (25%)

Magenta (33%)

Yellow (0%)

Black (9%)



Cyan (32%)

Magenta (39%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11443177 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 11443177 by changing the saturation by 10% instead.



■ 11443177

■ 11443177

16777215

■ 9667021

■ 15192831

■ 7891121

■ 16772863

■ 6181014

■ 4470908

■ 2761571

■ 921162

■ 51

■ 541

■ 0

■ 11443177

■ 11443177

■ 10257641

■ 12628713

■ 9137385

■ 13748969

■ 7951849

■ 14934505

■ 6831849

■ 16054505

■ 5646313

■ 16777193

■ 4460521

■ 3735785

# Harmonies

## Analogous

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



7186933



11443177



14323148

# Triad

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



11443177



14456673



113576

# Complementary

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



11443177



14084507

# 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.



6469760



11443177



12363094

# Square

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



11443177



15698814



9678946



47823

# Rectangle

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



11443177



15435698



9678946



3455643



# Sweetspot

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



11443177



15525631



10213353



7630976



0



8421504



# Same Dimension

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



11443177



11704831



13933545



7105141



2883765



852022



# Inverse Universe

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



15309782



16751078



11594139



7694962



11862153

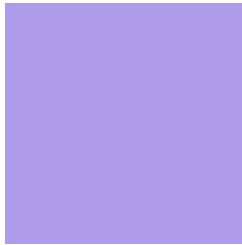


3538985



# Previews

## White Background



This preview shows how the Decimal color 11443177 looks on a white background.

## Color Contrast Check

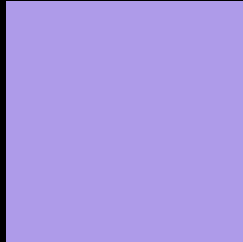
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 11443177 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

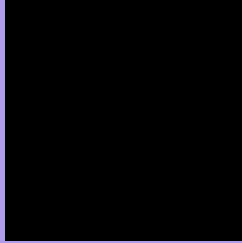
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 11443177 Background



This preview shows how black text looks on a background with the Decimal color 11443177.



This preview shows how white text looks on a background with the Decimal color 11443177.

# 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**  
10790579

# Trichromacy



**Original Color**  
11443177

**Protanomaly**  
10133997

**Deuteranomaly**  
10265064

**Tritanomaly**  
11051719

# Monochromacy



**Original Color**  
11443177

**Achromatopsia**  
11184810

**Achromatomaly**  
11249089

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11443177 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 #AE9BE9 looks like.

```
.text, #text, p{  
    color:#AE9BE9  
}
```

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 #AE9BE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE9BE9
}
```

## Border

The CSS property to change the border of an element to Decimal 11443177 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
#AE9BE9 }
```

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

```
.border{ border-color:#AE9BE9 }
```

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

Here you see how a box with a 4 pixel #AE9BE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE9BE9; -webkit-box-shadow:4px 4px  
4px 4px #AE9BE9; box-shadow:4px 4px 4px  
4px #AE9BE9 }
```

# Background

The CSS property to change the background color of an element to Decimal 11443177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE9BE9 }
```

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

```
.background{ background-color:#AE9BE9 }
```

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