

# Converting Colors

Decimal(10566399)

Have a look what the booklet for  
Decimal(10566399) contains.

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**Color**

**Decimal(10566399)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A13AFF
RGB	161, 58, 255
RGB Percent	63%, 23%, 100%
CMY	0.3686, 0.7725, 0.0000
CMYK	0.37, 0.77, 0.00, 0.00
HSL	271°, 100%, 61%
HSV	271°, 77%, 100%
XYZ	34.2610, 17.8232, 96.2422
YIQ	111.2550, -1.8490, 83.1030

# Conversions

## Conversions Part 2

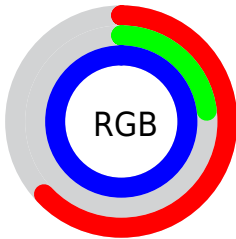
Format	Color
R <sub>Y</sub> B	161, 58, 255
Decimal	10566399
CIE <sub>Lab</sub>	49.28, 74.46, -79.39
CIE <sub>LCh</sub>	49, 108.841, 313.165
Yxy	17.8232, 0.2310, 0.1202
Android (android.graphics.Color)	4288756479 (0xFFA13AFF)
YUV	111.2550, 70.8663, 43.6264
Hunter-Lab	42.2175, 70.9784, -105.6097

# Details

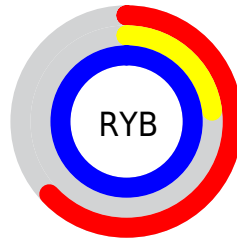
The Decimal color **10566399** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **10026810**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **14578943**, and **6553797** is the 20% darker color. If you saturate the color by 10%, you get **9773311**, and if you desaturate by 10%, it is **11359231**.

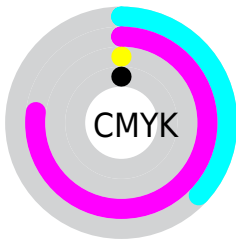
# Distribution



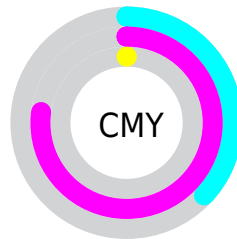
- Red (63%)
- Green (23%)
- Blue (100%)



- Red (63%)
- Yellow (23%)
- Blue (100%)



- Cyan (37%)
- Magenta (77%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (77%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10566399 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 10566399 by changing the saturation by 10% instead.



 10566399

 10566399

16777215

 8591074

 14578943

 6553797

 16617727

 4391081

 16756223

 1638541

 16763647

 115

 16771071

 89

 1856

 810

 276

■ 10566399

■ 10566399

■ 9773311

■ 11359231

■ 8980479

■ 12152319

■ 8716543

■ 13010687

■ 13803775

■ 14596607

■ 15389695

■ 16182527

16777215

# Harmonies

## Analogous

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



30463



10566399



16253101

# Triad

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



10566399



12082432



38813

# Complementary

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



10566399



10026810

# 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.



37946



10566399



6913536

# Square

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



10566399



15794176



36352



38900

# Rectangle

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



10566399



16711792



36352



38525



# Sweetspot

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



10566399



14927103



3840511



7232640



0



8421504



# Same Dimension

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



10566399



9310975



16726780



7959424



6553791



2162752



# Inverse Universe

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



16726680



16716419



3866429



8418169



12517467

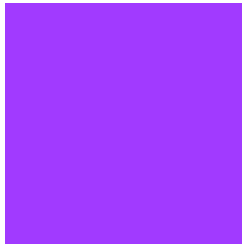


4194334



# Previews

## White Background



This preview shows how the Decimal color 10566399 looks on a white background.

## Color Contrast Check

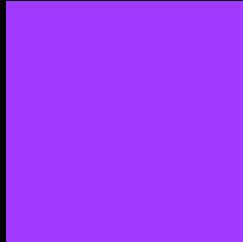
Large Text (above 18pt) WCAG AA ✓ Pass

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 10566399 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

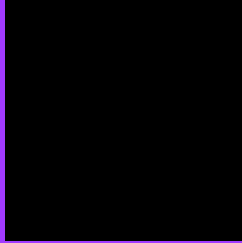
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 10566399 Background



This preview shows how black text looks on a background with the Decimal color 10566399.

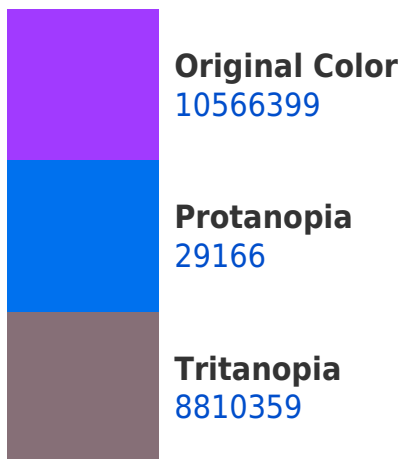


This preview shows how white text looks on a background with the Decimal color 10566399.

# 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**  
10566399



**Protanomaly**  
3890676

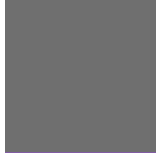


**Tritanomaly**  
9460904

# Monochromacy



**Original Color**  
10566399



**Achromatopsia**  
7303023



**Achromatomaly**  
8477859

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10566399 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 #A13AFF looks like.

```
.text, #text, p{  
    color:#A13AFF  
}
```

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 #A13AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A13AFF
}
```

## Border

The CSS property to change the border of an element to Decimal 10566399 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".

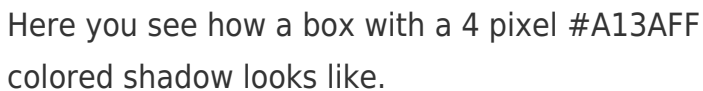
```
.border, #border, table{ border:4px solid
#A13AFF }
```

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

```
.border{ border-color:#A13AFF }
```

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

Here you see how a box with a 4 pixel #A13AFF colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A13AFF; -webkit-box-shadow:4px 4px  
4px 4px #A13AFF; box-shadow:4px 4px 4px  
4px #A13AFF }
```

# Background

The CSS property to change the background color of an element to Decimal 10566399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A13AFF }
```

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

```
.background{ background-color:#A13AFF }
```

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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