

# Converting Colors

Decimal(10913013)

Have a look what the booklet for  
Decimal(10913013) contains.

<b>Decimal(10913013)</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(10913013)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A684F5
RGB	166, 132, 245
RGB Percent	65%, 52%, 96%
CMY	0.3490, 0.4824, 0.0392
CMYK	0.32, 0.46, 0.00, 0.04
HSL	258°, 85%, 74%
HSV	258°, 46%, 96%
XYZ	40.4586, 31.2021, 90.2764
YIQ	155.0480, -16.0090, 42.3510

# Conversions

## Conversions Part 2

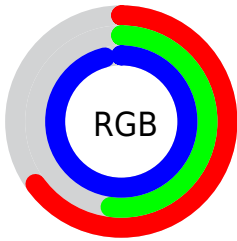
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	166, 132, 245
Decimal	10913013
CIE Lab	62.68, 36.99, -52.24
CIE LCh	63, 64.009, 305.304
Yxy	31.2021, 0.2498, 0.1927
Android (android.graphics.Color)	4289103093 (0xFFA684F5)
YUV	155.0480, 44.3463, 9.6049
Hunter-Lab	55.8588, 31.5347, -56.7205

# Details

The Decimal color **10913013** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **13890948**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **14727935**, and **7230140** is the 20% darker color. If you saturate the color by 10%, you get **9792757**, and if you desaturate by 10%, it is **12033525**.

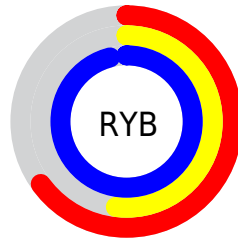
# Distribution



Red (65%)

Green (52%)

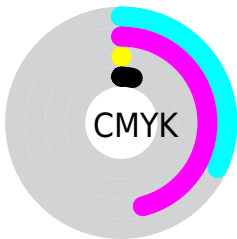
Blue (96%)



Red (65%)

Yellow (52%)

Blue (96%)

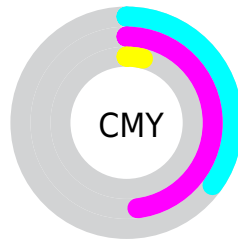


Cyan (32%)

Magenta (46%)

Yellow (0%)

Black (4%)



Cyan (35%)

Magenta (48%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10913013 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 10913013 by changing the saturation by 10% instead.



 10913013

 10913013

16777215

 9071320

 14727935

 7230140

 16635647

 5454497

 16773887

 3548038

 1379436

 83

 315

 548

 12

■ 10913013

■ 10913013

■ 9792757

■ 12033525

■ 8672245

■ 13153781

■ 7551989

■ 14274293

■ 6365941

■ 15460085

■ 5245685

■ 16580597

■ 4849909

■ 16777205

# Harmonies

## Analogous

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



39935



10913013



14969800

# Triad

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



10913013



14254891



45728

# Complementary

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



10913013



13890948

# 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.



44902



10913013



11245585

# Square

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



10913013



16215129



7382834



45528

# Rectangle

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



10913013



16277923



7382834



45708



# Sweetspot

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



10913013



15129599



8705013



7367296



0



8421504



# Same Dimension

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



10913013



10318847



14583029



7499386



3670202



1179707



# Inverse Universe

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



16090323



16741333



10220932



8023671



12189826

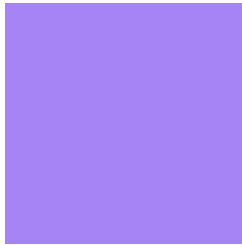


3866665



# Previews

## White Background



This preview shows how the Decimal color 10913013 looks on a white background.

## Color Contrast Check

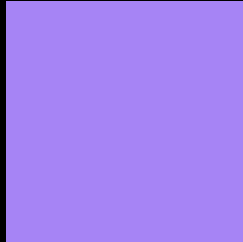
Large Text (above 18pt) WCAG AA × Fail

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 10913013 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

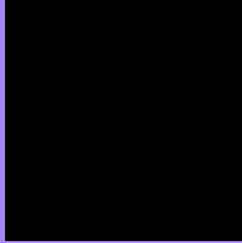
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 10913013 Background



This preview shows how black text looks on a background with the Decimal color 10913013.




This preview shows how white text looks on a background with the Decimal color 10913013.

# 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**  
9803683

# Trichromacy



**Original Color**  
10913013



**Protanomaly**  
8425211



**Deuteranomaly**  
8229362



**Tritanomaly**  
10195137

# Monochromacy



**Original Color**  
10913013



**Achromatopsia**  
10197915



**Achromatomaly**  
10458044

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10913013 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 #A684F5 looks like.

```
.text, #text, p{  
    color:#A684F5  
}
```

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 #A684F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A684F5
}
```

## Border

The CSS property to change the border of an element to Decimal 10913013 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
#A684F5 }
```

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

```
.border{ border-color:#A684F5 }
```

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

Here you see how a box with a 4 pixel #A684F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A684F5; -webkit-box-shadow:4px 4px  
4px 4px #A684F5; box-shadow:4px 4px 4px  
4px #A684F5 }
```

# Background

The CSS property to change the background color of an element to Decimal 10913013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A684F5 }
```

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

```
.background{ background-color:#A684F5 }
```

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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