

# Converting Colors

Decimal(9593336)

Have a look what the booklet for  
Decimal(9593336) contains.

<b>Decimal(9593336)</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(9593336)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9261F8
RGB	146, 97, 248
RGB Percent	57%, 38%, 97%
CMY	0.4275, 0.6196, 0.0275
CMYK	0.41, 0.61, 0.00, 0.03
HSL	259°, 92%, 68%
HSV	259°, 61%, 97%
XYZ	33.0720, 21.4377, 91.2017
YIQ	128.8650, -19.2670, 57.3490

# Conversions

## Conversions Part 2

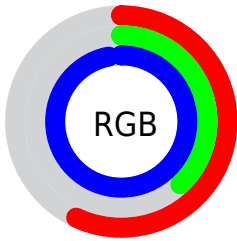
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	146, 97, 248
Decimal	9593336
CIE <sub>Lab</sub>	53.43, 52.43, -68.83
CIE <sub>LCh</sub>	53, 86.525, 307.298
Y <sub>xy</sub>	21.4377, 0.2270, 0.1471
Android (android.graphics.Color)	4287783416 (0xFF9261F8)
YUV	128.8650, 58.7336, 15.0274
Hunter-Lab	46.3009, 46.4735, -84.3767

# Details

The Decimal color **9593336** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **13105249**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **13473535**, and **5648319** is the 20% darker color. If you saturate the color by 10%, you get **8472824**, and if you desaturate by 10%, it is **10713848**.

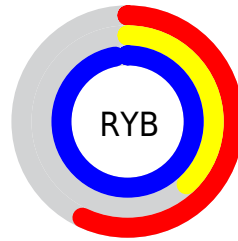
# Distribution



Red (57%)

Green (38%)

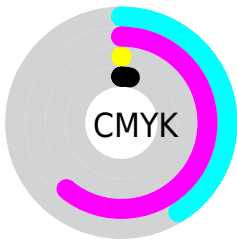
Blue (97%)



Red (57%)

Yellow (38%)

Blue (97%)

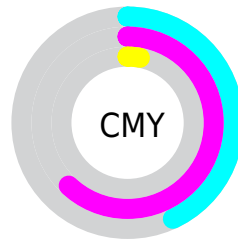


Cyan (41%)

Magenta (61%)

Yellow (0%)

Black (3%)



Cyan (43%)

Magenta (62%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9593336 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 9593336 by changing the saturation by 10% instead.



 9593336

 9593336

16777215

 7686363

 13473535

 5648319

 15446527

 3544227

 16764415

 196744

 16771839

 109

 84

 1596

 549

 270

■ 9593336

■ 9593336

■ 8472824

■ 10713848

■ 7352312

■ 11834360

■ 6297592

■ 12889080

■ 5243128

■ 14009592

■ 15130104

■ 16250616

■ 16777208

# Harmonies

## Analogous

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



34047



9593336



14887099

# Triad

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



9593336



13067520



40593

# Complementary

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



9593336



13105249

# 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.



39745



9593336



9143040

# Square

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



9593336



15808040



3314432



40665

# Rectangle

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



9593336



16384138



3314432



40566



# Sweetspot

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



9593336



14733823



6408440



7168896



0



8421504



# Same Dimension

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



9593336



8472063



14443000



7696509



3997885



1310781



# Inverse Universe

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



16277959



16729539



8255585



8220793



12386431

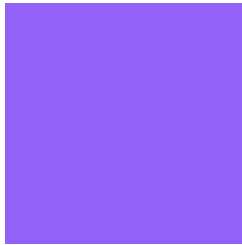


3997737



# Previews

## White Background



This preview shows how the Decimal color 9593336 looks on a white background.

## Color Contrast Check

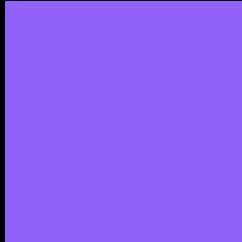
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 9593336 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 9593336 Background



This preview shows how black text looks on a background with the Decimal color 9593336.



This preview shows how white text looks on a background with the Decimal color 9593336.

# 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**  
9593336



**Protanomaly**  
5010172



**Deuteranomaly**  
3503851



**Tritanomaly**  
8484274

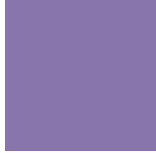
# Monochromacy



**Original Color**  
9593336



**Achromatopsia**  
8487297



**Achromatomaly**  
8877484

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9593336 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 #9261F8 looks like.

```
.text, #text, p{  
    color:#9261F8  
}
```

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 #9261F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9261F8
}
```

## Border

The CSS property to change the border of an element to Decimal 9593336 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
#9261F8 }
```

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

```
.border{ border-color:#9261F8 }
```

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

Here you see how a box with a 4 pixel #9261F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9261F8; -webkit-box-shadow:4px 4px  
4px 4px #9261F8; box-shadow:4px 4px 4px  
4px #9261F8 }
```

# Background

The CSS property to change the background color of an element to Decimal 9593336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9261F8 }
```

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

```
.background{ background-color:#9261F8 }
```

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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