

Converting Colors

Decimal(9767916)

Have a look what the booklet for
Decimal(9767916) contains.

Decimal(9767916)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(9767916)

Conversions

Conversions Part 1

Format	Color
Hex	950BEC
RGB	149, 11, 236
RGB Percent	58%, 4%, 93%
CMY	0.4157, 0.9569, 0.0745
CMYK	0.37, 0.95, 0.00, 0.07
HSL	277°, 91%, 48%
HSV	277°, 95%, 93%
XYZ	27.6544, 12.6850, 80.3478
YIQ	77.9120, 10.0230, 99.2310

Conversions

Conversions Part 2

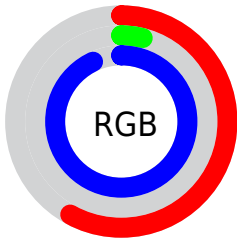
Format	Color
R_{YB}	149, 11, 236
Decimal	9767916
CIE _{Lab}	42.28, 80.09, -80.24
CIE _{LCh}	42, 113.372, 314.946
Yxy	12.6850, 0.2291, 0.1051
Android (android.graphics.Color)	4287957996 (0xFF950BEC)
YUV	77.9120, 77.9374, 62.3442
Hunter-Lab	35.6161, 76.2699, -108.8236

Details

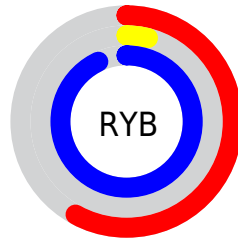
The Decimal color **9767916** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **6482955**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **13785343**, and **5701811** is the 20% darker color. If you saturate the color by 10%, you get **9502956**, and if you desaturate by 10%, it is **10363884**.

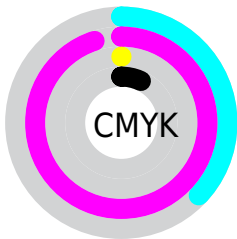
Distribution



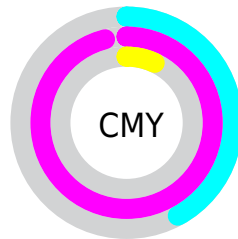
- Red (58%)
- Green (4%)
- Blue (93%)



- Red (58%)
- Yellow (4%)
- Blue (93%)



- Cyan (37%)
- Magenta (95%)
- Yellow (0%)
- Black (7%)





















- Cyan (42%)
- Magenta (96%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9767916 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 9767916 by changing the saturation by 10% instead.

 9767916	 9767916
 16777215	 7733455
 13785343	 5701811
 15824383	 3473559
 16749311	 65660
 16756735	 98
 16764159	 1609
 16771839	 1073
	 283
	 0

■ 9767916

■ 9767916

■ 9502956

■ 10363884

■ 10959596

■ 11555564

■ 12216812

■ 12812780

■ 13408748

■ 14004460

■ 14600428

■ 15196140

Harmonies

Analogous

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



25855



9767916



15270039

Triad

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



9767916



10505472



33938

Complementary

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



9767916



6482955

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.



33070



9767916



5074432

Square

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



9767916



14286848



31744



34282

Rectangle

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



9767916



16318554



31744



33650

Sweetspot

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



9767916



14857727



746988



7230336



0



8421504

Same Dimension

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



9767916



10223871



15469526



7432821



7274677



2162742

Inverse Universe

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



15469410



16711779



781345



7694958



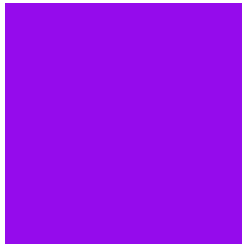
11862086



3538965

Previews

White Background



This preview shows how the Decimal color 9767916 looks on a white background.

Color Contrast Check

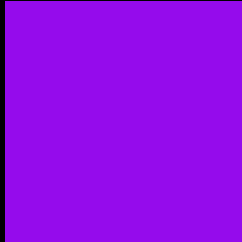
Large Text (above 18pt) WCAG AA ✓ Pass

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 9767916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

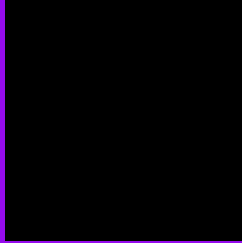
Any Text WCAG AA × Fail

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 9767916 Background



This preview shows how black text looks on a background with the Decimal color 9767916.

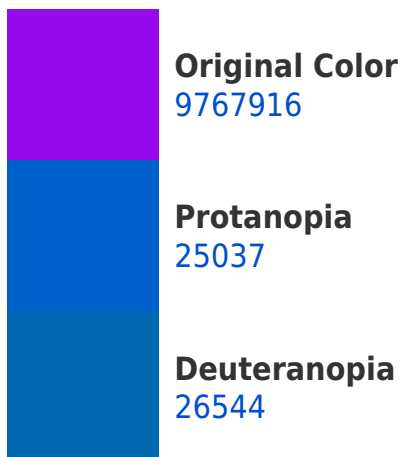



This preview shows how white text looks on a background with the Decimal color 9767916.

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
8019044

Trichromacy



Original Color
9767916



Protanomaly
3556056



Deuteranomaly
3557062



Tritanomaly
8667029

Monochromacy



Original Color
9767916



Achromatopsia
5131854



Achromatomaly
6829703

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9767916 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 #950BEC looks like.

```
.text, #text, p{  
    color:#950BEC  
}
```

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 #950BEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #950BEC
}
```

Border

The CSS property to change the border of an element to Decimal 9767916 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".

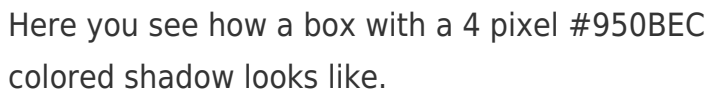
```
.border, #border, table{ border:4px solid
#950BEC }
```

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

```
.border{ border-color:#950BEC }
```

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

Here you see how a box with a 4 pixel #950BEC colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #950BEC; -webkit-box-shadow:4px 4px  
4px 4px #950BEC; box-shadow:4px 4px 4px  
4px #950BEC }
```

Background

The CSS property to change the background color of an element to Decimal 9767916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#950BEC }
```

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

```
.background{ background-color:#950BEC }
```

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