

Converting Colors

Decimal(10027255)

Have a look what the booklet for
Decimal(10027255) contains.

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Color

Decimal(10027255)

Conversions

Conversions Part 1

Format	Color
Hex	9900F7
RGB	153, 0, 247
RGB Percent	60%, 0%, 97%
CMY	0.4000, 1.0000, 0.0314
CMYK	0.38, 1.00, 0.00, 0.03
HSL	277°, 100%, 48%
HSV	277°, 100%, 97%
XYZ	29.9254, 13.4877, 89.0218
YIQ	73.9050, 11.9010, 109.2530

Conversions

Conversions Part 2

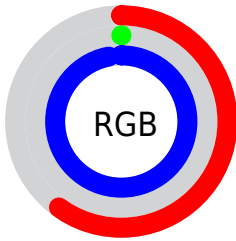
Format	Color
R_{YB}	153, 0, 247
Decimal	10027255
CIE _{Lab}	43.49, 83.73, -84.45
CIE _{LCh}	43, 118.921, 314.756
Yxy	13.4877, 0.2260, 0.1018
Android (android.graphics.Color)	4288217335 (0xFF9900F7)
YUV	73.9050, 85.3358, 69.3663
Hunter-Lab	36.7256, 81.1785, -118.0093

Details

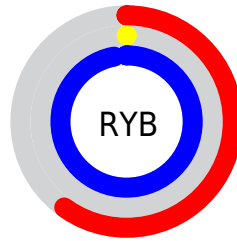
The Decimal color **10027255** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **6223616**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **14112511**, and **5898429** is the 20% darker color. If you saturate the color by 10%, you get **10027255**, and if you desaturate by 10%, it is **10623479**.

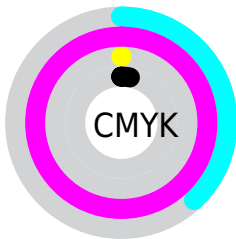
Distribution



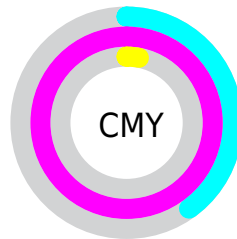
- Red (60%)
- Green (0%)
- Blue (97%)



- Red (60%)
- Yellow (0%)
- Blue (97%)



- Cyan (38%)
- Magenta (100%)
- Yellow (0%)
- Black (3%)





















- Cyan (40%)
- Magenta (100%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10027255 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 10027255 by changing the saturation by 10% instead.

 10027255	 10027255
 16777215	 7995610
 14112511	 5898429
 16151807	 3604641
 16749311	 134
 16756735	 107
 16764159	 338
 16771839	 1338
	 547
	 10


 10027255

 10623479

 11284983

 11881207

 12542967

 13139191

 13735159

 14396919

 14993143

 15654647

Harmonies

Analogous

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



26879



10027255



15859869

Triad

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



10027255



10899200



34967

Complementary

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



10027255



6223616

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.



34093



10027255



5206528

Square

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



10027255



14876672



32768



35316

Rectangle

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



10027255



16711773



32768



34677

Sweetspot

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



10027255



14857215



24567



7230080



0



8421504

Same Dimension

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



10027255



10354943



16187610



7761530



7536826



2359355

Inverse Universe

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



16187486



16711777



63261



8023667



12189767



3866646

Previews

White Background



This preview shows how the Decimal color 10027255 looks on a white background.

Color Contrast Check

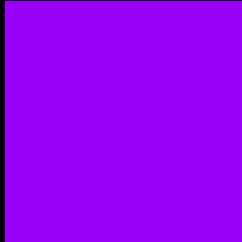
Large Text (above 18pt) WCAG AA ✓ Pass

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 10027255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

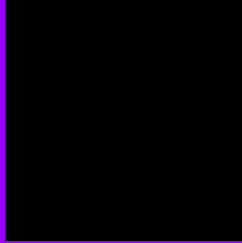
Any Text WCAG AA × Fail

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 10027255 Background



This preview shows how black text looks on a background with the Decimal color 10027255.

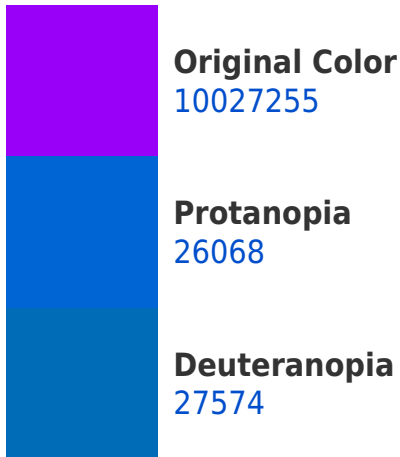



This preview shows how white text looks on a background with the Decimal color 10027255.

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
8151144

Trichromacy



Original Color
10027255



Protanomaly
3686625



Deuteranomaly
3687630



Tritanomaly
8863132

Monochromacy



Original Color
10027255



Achromatopsia
4868682



Achromatomaly
6762377

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10027255 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 #9900F7 looks like.

```
.text, #text, p{  
    color:#9900F7  
}
```

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 #9900F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9900F7
}
```

Border

The CSS property to change the border of an element to Decimal 10027255 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".

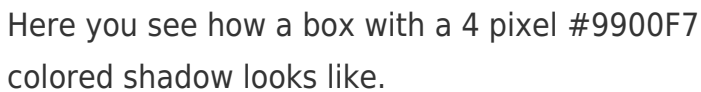
```
.border, #border, table{ border:4px solid
#9900F7 }
```

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

```
.border{ border-color:#9900F7 }
```

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

Here you see how a box with a 4 pixel #9900F7 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 #9900F7; -webkit-box-shadow:4px 4px  
4px 4px #9900F7; box-shadow:4px 4px 4px  
4px #9900F7 }
```

Background

The CSS property to change the background color of an element to Decimal 10027255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9900F7 }
```

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

```
.background{ background-color:#9900F7 }
```

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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