

Converting Colors

Decimal(10178019)

Have a look what the booklet for
Decimal(10178019) contains.

Decimal(10178019)	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(10178019)

Conversions

Conversions Part 1

Format	Color
Hex	9B4DE3
RGB	155, 77, 227
RGB Percent	61%, 30%, 89%
CMY	0.3922, 0.6980, 0.1098
CMYK	0.32, 0.66, 0.00, 0.11
HSL	271°, 73%, 60%
HSV	271°, 66%, 89%
XYZ	30.0366, 17.8224, 74.5300
YIQ	117.4220, -1.6620, 63.1860

Conversions

Conversions Part 2

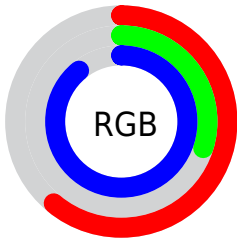
Format	Color
RYB	155, 77, 227
Decimal	10178019
CIELab	49.28, 59.19, -63.71
CIELCh	49, 86.962, 312.895
Yxy	17.8224, 0.2454, 0.1456
Android (android.graphics.Color)	4288368099 (0xFF9B4DE3)
YUV	117.4220, 54.0220, 32.9559
Hunter-Lab	42.2165, 53.1217, -75.1203

Details

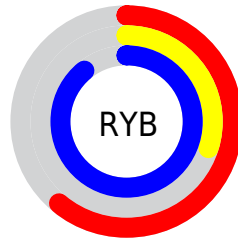
The Decimal color **10178019** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **9823053**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **14058495**, and **6362027** is the 20% darker color. If you saturate the color by 10%, you get **9451235**, and if you desaturate by 10%, it is **10904803**.

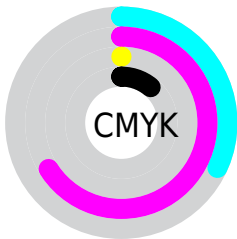
Distribution



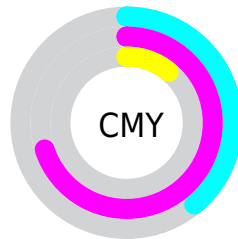
- Red (61%)
- Green (30%)
- Blue (89%)



- Red (61%)
- Yellow (30%)
- Blue (89%)



- Cyan (32%)
- Magenta (66%)
- Yellow (0%)
- Black (11%)





















- Cyan (39%)
- Magenta (70%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10178019 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 10178019 by changing the saturation by 10% instead.

 10178019	 10178019
 16777215	 8270534
 14058495	 6362027
 15965951	 4456591
 16759551	 2359413
 16766975	 92
 16774399	 67
	 812
	 278
	 0

 10178019

 10178019

 9451235

 10904803

 8724707

 11631331

 7997923

 12358115

 7733475

 13084899

 13745891

 14472675

 15199459

 15925219

 16646115

Harmonies

Analogous

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



30207



10178019



14614690

Triad

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



10178019



11624960



37780

Complementary

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



10178019



9823053

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.



36934



10178019



7502848

Square

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



10178019



14561802



35328



37593

Rectangle

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



10178019



15728754



35328



37499

Sweetspot

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



10178019



15191295



5084899



7430528



0



8421504

Same Dimension

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



10178019



10368767



14896609



7169907



6095027



1769523

Inverse Universe

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



14896533



16725654



5104464



7563117



11731030



3342360

Previews

White Background



This preview shows how the Decimal color 10178019 looks on a white background.

Color Contrast Check

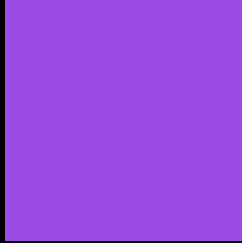
Large Text (above 18pt) WCAG AA ✓ Pass

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 10178019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

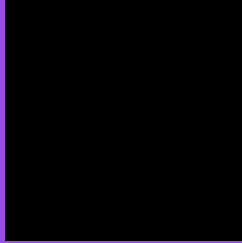
Any Text WCAG AA ✓ Pass

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 10178019 Background



This preview shows how black text looks on a background with the Decimal color 10178019.

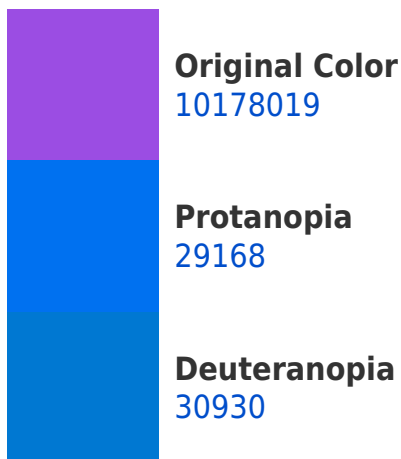



This preview shows how white text looks on a background with the Decimal color 10178019.

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](#).

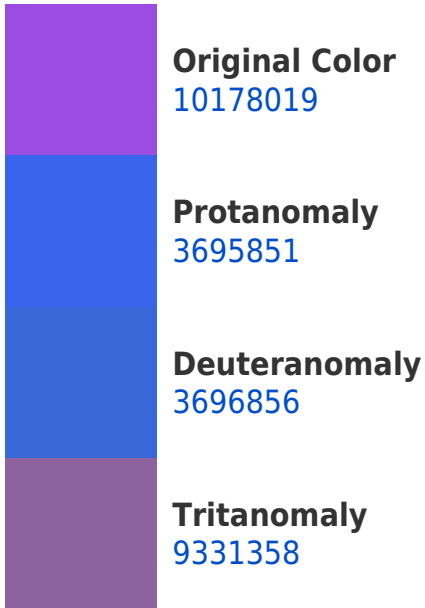
Dichromacy





Tritanopia
8875639

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 10178019 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 #9B4DE3 looks like.

```
.text, #text, p{  
    color:#9B4DE3  
}
```

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 #9B4DE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B4DE3
}
```

Border

The CSS property to change the border of an element to Decimal 10178019 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
#9B4DE3 }
```

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

```
.border{ border-color:#9B4DE3 }
```

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

Here you see how a box with a 4 pixel #9B4DE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B4DE3; -webkit-box-shadow:4px 4px  
4px 4px #9B4DE3; box-shadow:4px 4px 4px  
4px #9B4DE3 }
```

Background

The CSS property to change the background color of an element to Decimal 10178019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B4DE3 }
```

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

```
.background{ background-color:#9B4DE3 }
```

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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