

Converting Colors

Decimal(10179041)

Have a look what the booklet for
Decimal(10179041) contains.

| | |
|--|----|
| Decimal(10179041) | 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(10179041)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 9B51E1 |
| RGB | 155, 81, 225 |
| RGB Percent | 61%, 32%, 88% |
| CMY | 0.3922, 0.6824, 0.1176 |
| CMYK | 0.31, 0.64, 0.00, 0.12 |
| HSL | 271°, 71%, 60% |
| HSV | 271°, 64%, 88% |
| XYZ | 30.0506, 18.2897, 73.1806 |
| YIQ | 119.5420, -2.1200, 60.4720 |

Conversions

Conversions Part 2

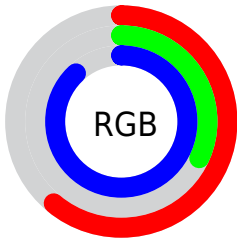
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 155, 81, 225 |
| Decimal | 10179041 |
| CIE _{Lab} | 49.85, 56.81, -61.66 |
| CIE _{LCh} | 50, 83.841, 312.653 |
| Yxy | 18.2897, 0.2473, 0.1505 |
| Android (android.graphics.Color) | 4288369121 (0xFF9B51E1) |
| YUV | 119.5420, 51.9908, 31.0967 |
| Hunter-Lab | 42.7664, 50.5851, -71.5187 |

Details

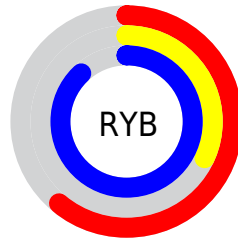
The Decimal color **10179041** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **9953617**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **13993727**, and **6429353** is the 20% darker color. If you saturate the color by 10%, you get **9452513**, and if you desaturate by 10%, it is **10905569**.

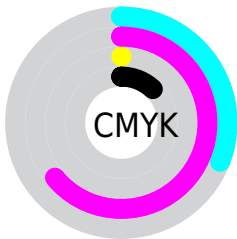
Distribution



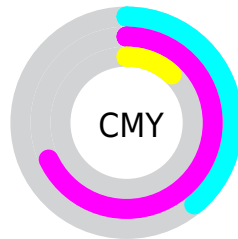
- Red (61%)
- Green (32%)
- Blue (88%)



- Red (61%)
- Yellow (32%)
- Blue (88%)



- Cyan (31%)
- Magenta (64%)
- Yellow (0%)
- Black (12%)




















- Cyan (39%)
- Magenta (68%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10179041 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 10179041 by changing the saturation by 10% instead.

| | |
|--|--|
|  10179041 |  10179041 |
|  16777215 |  8271557 |
|  13993727 |  6429353 |
|  15966975 |  4522126 |
|  16760575 |  2424947 |
|  16767743 |  65626 |
|  16775167 |  65 |
| |  810 |
| |  276 |
| |  0 |

■ 10179041

■ 10179041

■ 9452513

■ 10905569

■ 8725729

■ 11632353

■ 7999201

■ 12358881

■ 7602401

■ 13085665

■ 13812449

■ 14538977

■ 15265761

■ 15990753

■ 16646113

Harmonies

Analogous

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



30463



10179041



14486435

Triad

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



10179041



11691008



38036

Complementary

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



10179041



9953617

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.



37193



10179041



7699712

Square

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



10179041



14498067



35584



37847

Rectangle

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



10179041



15597684



35584



37755

Sweetspot

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



10179041



15192063



5347809



7430784



0



8421504

Same Dimension

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



10179041



10501119



14766561



7038320



5898416



1638448

Inverse Universe

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



14766487



16726938



5366097



7365994



11534422



3145752

Previews

White Background



This preview shows how the Decimal color 10179041 looks on a white background.

Color Contrast Check

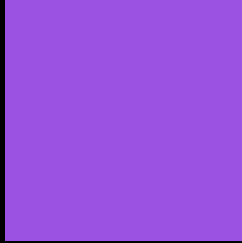
Large Text (above 18pt) WCAG AA ✓ Pass

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 10179041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

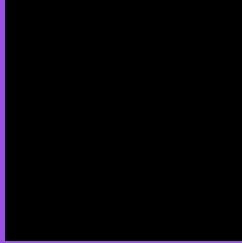
Any Text WCAG AA ✓ Pass

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 10179041 Background



This preview shows how black text looks on a background with the Decimal color 10179041.

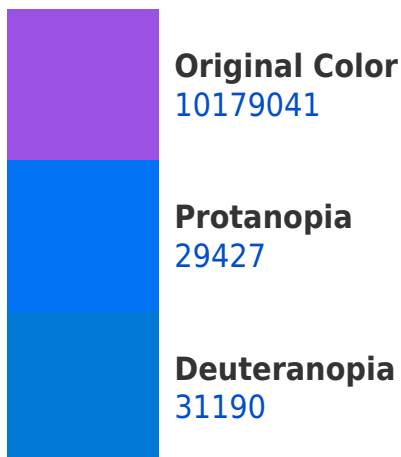



This preview shows how white text looks on a background with the Decimal color 10179041.

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
8941689

Trichromacy



Original Color
10179041



Protanomaly
3696364



Deuteranomaly
3697370



Tritanomaly
9397663

Monochromacy



Original Color
10179041



Achromatopsia
7895160



Achromatomaly
8743582

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10179041 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 #9B51E1 looks like.

```
.text, #text, p{  
    color:#9B51E1  
}
```

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 #9B51E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B51E1
}
```

Border

The CSS property to change the border of an element to Decimal 10179041 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
#9B51E1 }
```

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

```
.border{ border-color:#9B51E1 }
```

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

Here you see how a box with a 4 pixel #9B51E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B51E1; -webkit-box-shadow:4px 4px  
4px 4px #9B51E1; box-shadow:4px 4px 4px  
4px #9B51E1 }
```

Background

The CSS property to change the background color of an element to Decimal 10179041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B51E1 }
```

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

```
.background{ background-color:#9B51E1 }
```

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