

# Converting Colors

Decimal(9010919)

Have a look what the booklet for  
Decimal(9010919) contains.

**Decimal(9010919)** ..... 3

***Conversions*** ..... 4

***Details*** ..... 6

***Harmonies*** ..... 11

***Previews*** ..... 23

***Color Blindness Simulation*** ..... 26

***CSS Examples*** ..... 29

# Color

**Decimal(9010919)**

# Conversions

Conversions Part 1	
Format	Color
Hex	897EE7
RGB	137, 126, 231
RGB Percent	54%, 49%, 91%
CMY	0.4627, 0.5059, 0.0941
CMYK	0.41, 0.45, 0.00, 0.09
HSL	246°, 69%, 70%
HSV	246°, 45%, 91%
XYZ	32.2012, 26.0096, 78.9245
YIQ	141.2590, -27.1490, 34.9870

# Conversions

## Conversions Part 2

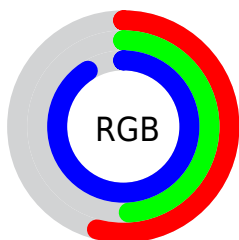
Format	Color
<a href="#">RYB</a>	<a href="#">137, 126, 231</a>
Decimal	<a href="#">9010919</a>
CIELab	<a href="#">58.05, 29.40, -51.99</a>
CIELCh	<a href="#">58, 59.728, 299.485</a>
Yxy	<a href="#">26.0096, 0.2348, 0.1897</a>
Android (android.graphics.Color)	<a href="#">4287200999</a> <a href="#">(0xFF897EE7)</a>
YUV	<a href="#">141.2590, 44.2423, -3.7351</a>
Hunter-Lab	<a href="#">50.9996, 23.4557, -56.0546</a>

# Details

The Decimal color **9010919** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **14477182**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **12760063**, and **5328303** is the 20% darker color. If you saturate the color by 10%, you get **7628775**, and if you desaturate by 10%, it is **10393063**.

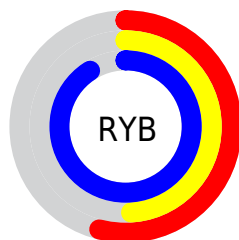
# Distribution



Red (54%)

Green (49%)

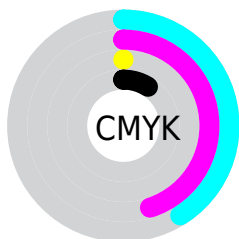
Blue (91%)



Red (54%)

Yellow (49%)

Blue (91%)

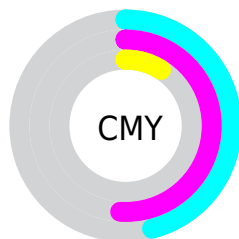


Cyan (41%)

Magenta (45%)

Yellow (0%)

Black (9%)



Cyan (46%)

Magenta (51%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9010919 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 9010919 by changing the saturation by 10% instead.



 9010919

 9010919

16777215

 7169483

 12760063

 5328303

 14667519

 3356308

 16641023

 794745

 3424


 72

 1072

 282

 0

 9010919

 9010919

 7628775

 10393063

 6312167

 11709671

 4930023

 13091815

 3547879

 14473959

 2231015

 15790823

 1573095

 16777191

# Harmonies

## Analogous

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



37620



9010919



13199297

# Triad

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



9010919



13595695



42121

# Complementary

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



9010919



14477182

# 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.



1744980



9010919



10979602

# Square

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



9010919



15163483



7575334



42174

# Rectangle

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



9010919



14769056



7575334



41847



# Sweetspot

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



9010919



14670847



8314087



7105152



0



8421504



# Same Dimension

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



9010919



8483839



12418791



6842227



1245363



327731



# Inverse Universe

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



15171292



16741360



11069310



7563122



11731104

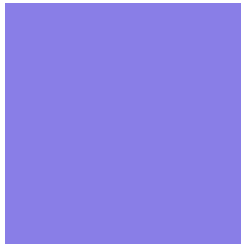


3342382



# Previews

## White Background



This preview shows how the Decimal color 9010919 looks on a white background.

## Color Contrast Check

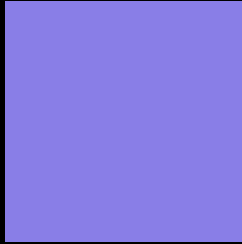
Large Text (above 18pt) WCAG AA ✓ Pass

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 9010919  
looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

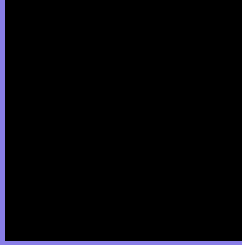
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try  
the [Color Contrast Checker](#).



## Decimal 9010919 Background



This preview shows how black text looks on a background with the Decimal color 9010919.



This preview shows how white text looks on a background with the Decimal color 9010919.

# 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



**Original Color**

9010919

**Protanopia**

6129904

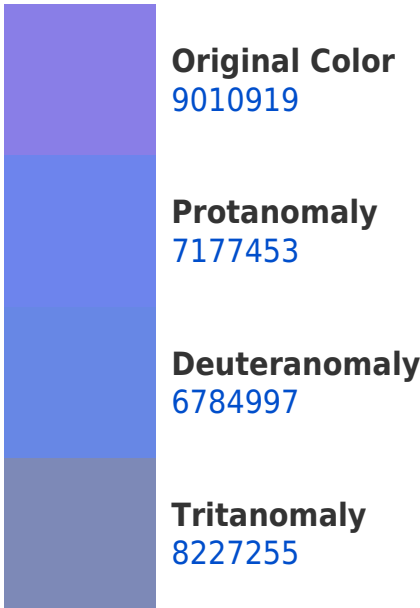
**Deuteranopia**

5541092



**Tritanopia**  
7770011

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9010919 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 #897EE7 looks like.

```
.text, #text, p{  
    color:#897EE7  
}
```

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 #897EE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #897EE7
}
```

## Border

The CSS property to change the border of an element to Decimal 9010919 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
#897EE7 }
```

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

```
.border{ border-color:#897EE7 }
```

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

Here you see how a box with a 4 pixel #897EE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #897EE7; -webkit-box-shadow:4px 4px  
4px 4px #897EE7; box-shadow:4px 4px 4px  
4px #897EE7 }
```

# Background

The CSS property to change the background color of an element to Decimal 9010919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#897EE7 }
```

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

```
.background{ background-color:#897EE7 }
```

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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