

# Converting Colors

Decimal(10046184)

Have a look what the booklet for  
Decimal(10046184) contains.

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**Color**

**Decimal(10046184)**

# Conversions

## Conversions Part 1

Format	Color
Hex	994AE8
RGB	153, 74, 232
RGB Percent	60%, 29%, 91%
CMY	0.4000, 0.7098, 0.0902
CMYK	0.34, 0.68, 0.00, 0.09
HSL	270°, 77%, 60%
HSV	270°, 68%, 91%
XYZ	30.1511, 17.4961, 78.1319
YIQ	115.6330, -3.6340, 65.8860

# Conversions

## Conversions Part 2

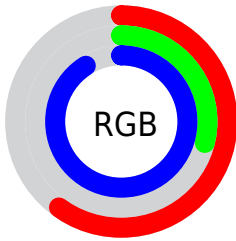
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 74, 232
Decimal	10046184
CIE <sub>Lab</sub>	48.88, 61.35, -67.19
CIE <sub>LCh</sub>	49, 90.990, 312.398
Yxy	17.4961, 0.2397, 0.1391
Android (android.graphics.Color)	4288236264 (0xFF994AE8)
YUV	115.6330, 57.3689, 32.7709
Hunter-Lab	41.8283, 55.4689, -81.4691

# Details

The Decimal color **10046184** 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 **10086474**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **13926655**, and **6229167** is the 20% darker color. If you saturate the color by 10%, you get **9253864**, and if you desaturate by 10%, it is **10838504**.

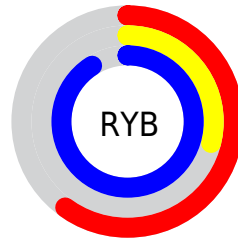
# Distribution



Red (60%)

Green (29%)

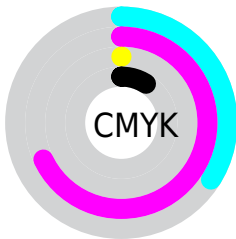
Blue (91%)



Red (60%)

Yellow (29%)

Blue (91%)

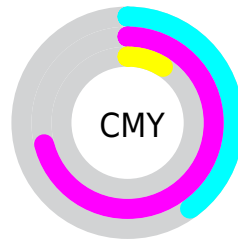


Cyan (34%)

Magenta (68%)

Yellow (0%)

Black (9%)



Cyan (40%)

Magenta (71%)


















Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10046184 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 10046184 by changing the saturation by 10% instead.



 10046184	 10046184
 16777215	 8138443
 13926655	 6229167
 15899647	 4194452
 16758783	 1900665
 16766207	 96
 16773631	 71
	 1071
	 281
	 0

 10046184

 10046184

 9253864

 10838504

 8527080

 11565288

 7734504

 12357864

 7602408

 13084648

 13876968

 14669288

 15396072

 16187368

 16777192

# Harmonies

## Analogous

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



30207



10046184



14811301

# Triad

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



10046184



11689728



37779

# Complementary

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



10046184



10086474

# 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.



36930



10046184



7437056

# Square

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



10046184



14755842



35072



37596

# Rectangle

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



10046184



15925362



35072



37497



# Sweetspot

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



10046184



15125759



4889064



7364992



0



8421504



# Same Dimension

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



10046184



9842431



15223528



7169907



5832883



1703987



# Inverse Universe

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



15223449



16723606



4909130



7563117



11731033

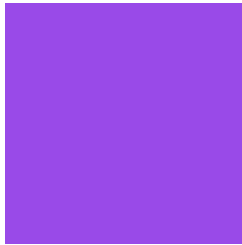


3342362



# Previews

## White Background



This preview shows how the Decimal color 10046184 looks on a white background.

## Color Contrast Check

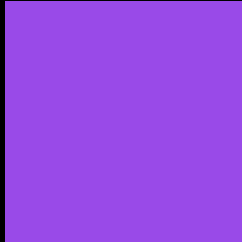
Large Text (above 18pt) WCAG AA ✓ Pass

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 10046184 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

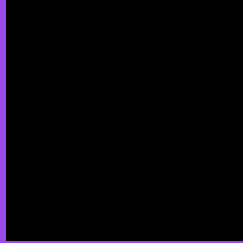
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 10046184 Background



This preview shows how black text looks on a background with the Decimal color 10046184.

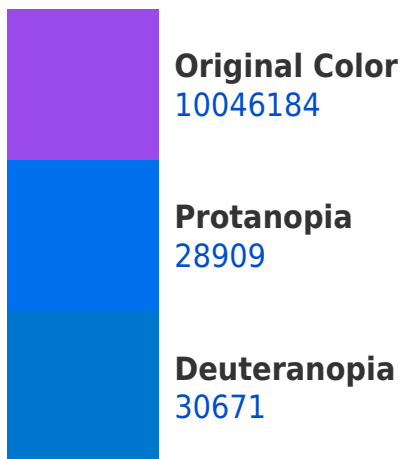



This preview shows how white text looks on a background with the Decimal color 10046184.

# 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](#).

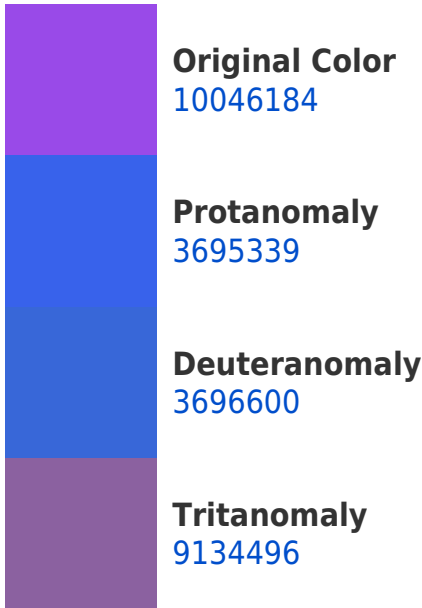
## Dichromacy



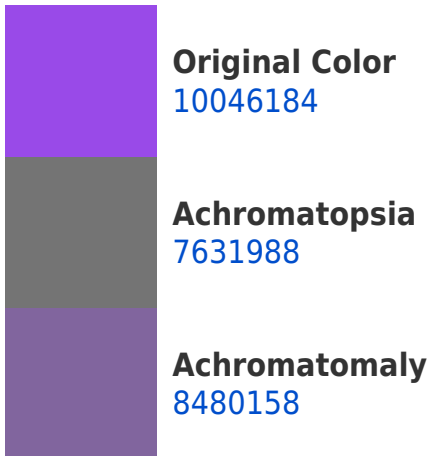


**Tritanopia**  
8613495

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10046184 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 #994AE8 looks like.

```
.text, #text, p{  
    color:#994AE8  
}
```

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 #994AE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #994AE8
}
```

## Border

The CSS property to change the border of an element to Decimal 10046184 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
#994AE8 }
```

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

```
.border{ border-color:#994AE8 }
```

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

Here you see how a box with a 4 pixel #994AE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #994AE8; -webkit-box-shadow:4px 4px  
4px 4px #994AE8; box-shadow:4px 4px 4px  
4px #994AE8 }
```

# Background

The CSS property to change the background color of an element to Decimal 10046184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#994AE8 }
```

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

```
.background{ background-color:#994AE8 }
```

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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