

Converting Colors

Decimal(4809983)

Have a look what the booklet for
Decimal(4809983) contains.

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Color

Decimal(4809983)

Conversions

Conversions Part 1

Format	Color
Hex	4964FF
RGB	73, 100, 255
RGB Percent	29%, 39%, 100%
CMY	0.7137, 0.6078, 0.0000
CMYK	0.71, 0.61, 0.00, 0.00
HSL	231°, 100%, 64%
HSV	231°, 71%, 100%
XYZ	25.3548, 17.7508, 96.6976
YIQ	109.5970, -65.8470, 42.4810

Conversions

Conversions Part 2

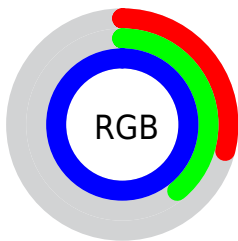
Format	Color
R_{YB}	73, 97, 255
Decimal	4809983
CIE _{Lab}	49.19, 40.87, -79.84
CIE _{LCh}	49, 89.692, 297.105
Yxy	17.7508, 0.1814, 0.1270
Android (android.graphics.Color)	4283000063 (0xFF4964FF)
YUV	109.5970, 71.6837, -32.0956
Hunter-Lab	42.1317, 33.6906, -106.5859

Details

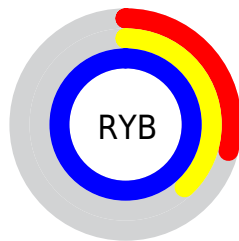
The Decimal color **4809983** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **16770121**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **9410559**, and **14021** is the 20% darker color. If you saturate the color by 10%, you get **3165951**, and if you desaturate by 10%, it is **6454015**.

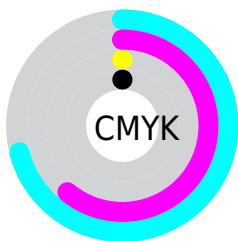
Distribution



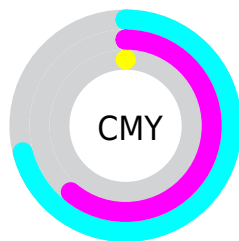
- Red (29%)
- Green (39%)
- Blue (100%)



- Red (29%)
- Yellow (38%)
- Blue (100%)



- Cyan (71%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (61%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4809983 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 4809983 by changing the saturation by 10% instead.

■ 4809983

■ 4809983

16777215

■ 937186

■ 9410559

■ 14021

■ 11514367

■ 8617

■ 13553151

■ 4238

■ 15657471

■ 115

■ 3417

■ 1857

■ 810

■ 276

■ 4809983

■ 4809983

■ 3165951

■ 6454015

■ 1456639

■ 8163327

■ 9983

■ 9807359

■ 11516927

■ 13226495

■ 14870271

■ 16514303

16777215

Harmonies

Analogous

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



33535



4809983



12921545

Triad

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



4809983



13388288



37483

Complementary

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



4809983



16770121

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.



36367



4809983



9793536

Square

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



4809983



15663158



4817920



37817

Rectangle

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



4809983



15138969



4817920



37200

Sweetspot

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



4809983



13226495



4849636



6317184



0



8421504

Same Dimension

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



4809983



2376959



8997375



7566720



7359



2368

Inverse Universe

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



16730468



16720964



12582729



8418165



12517404



4194313

Previews

White Background



This preview shows how the Decimal color 4809983 looks on a white background.

Color Contrast Check

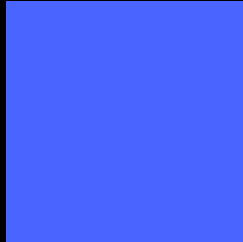
Large Text (above 18pt) WCAG AA ✓ Pass

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 4809983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

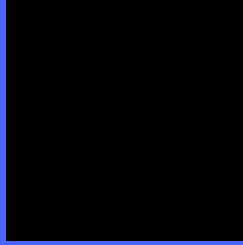
Any Text WCAG AA ✓ Pass

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 4809983 Background



This preview shows how black text looks on a background with the Decimal color 4809983.

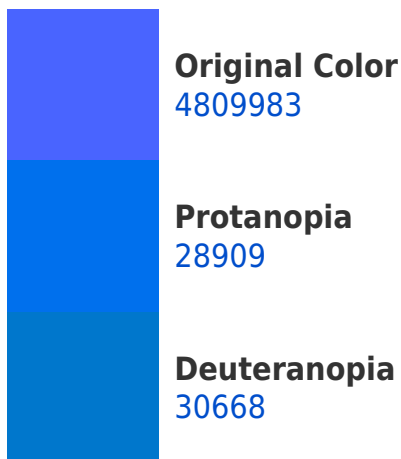


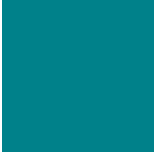
This preview shows how white text looks on a background with the Decimal color 4809983.

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](#).

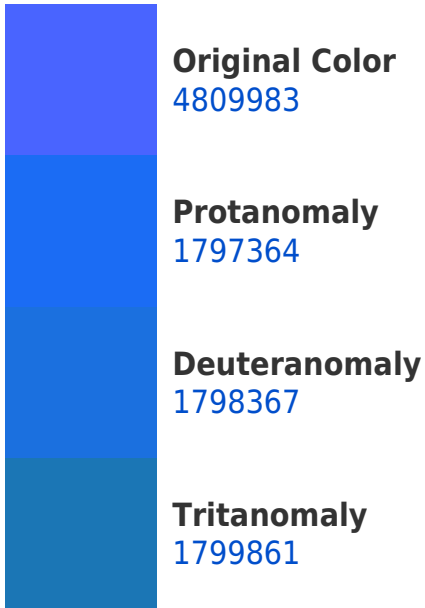
Dichromacy





Tritanopia
33162

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4809983 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 #4964FF looks like.

```
.text, #text, p{  
    color:#4964FF  
}
```

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 #4964FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4964FF
}
```

Border

The CSS property to change the border of an element to Decimal 4809983 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
#4964FF }
```

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

```
.border{ border-color:#4964FF }
```

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

Here you see how a box with a 4 pixel #4964FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4964FF; -webkit-box-shadow:4px 4px  
4px 4px #4964FF; box-shadow:4px 4px 4px  
4px #4964FF }
```

Background

The CSS property to change the background color of an element to Decimal 4809983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4964FF }
```

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

```
.background{ background-color:#4964FF }
```

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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