

Converting Colors

Decimal(4872181)

Have a look what the booklet for
Decimal(4872181) contains.

Decimal(4872181)	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(4872181)

Conversions

Conversions Part 1

Format	Color
Hex	4A57F5
RGB	74, 87, 245
RGB Percent	29%, 34%, 96%
CMY	0.7098, 0.6588, 0.0392
CMYK	0.70, 0.64, 0.00, 0.04
HSL	235°, 90%, 63%
HSV	235°, 70%, 96%
XYZ	22.7137, 14.8648, 88.0583
YIQ	101.1250, -58.4660, 46.3820

Conversions

Conversions Part 2

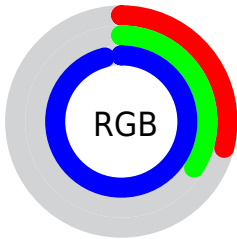
Format	Color
R_{YB}	74, 86, 245
Decimal	4872181
CIE _{Lab}	45.45, 45.42, -80.39
CIE _{LCh}	45, 92.333, 299.463
Yxy	14.8648, 0.1808, 0.1183
Android (android.graphics.Color)	4283062261 (0xFF4A57F5)
YUV	101.1250, 70.9304, -23.7886
Hunter-Lab	38.5549, 37.6878, -108.4282

Details

The Decimal color **4872181** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed blue. A complement of this color would be **16115786**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **9406975**, and **10683** is the 20% darker color. If you saturate the color by 10%, you get **3227893**, and if you desaturate by 10%, it is **6450933**.

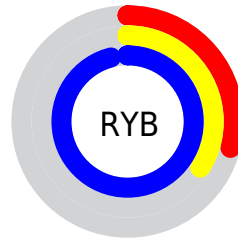
Distribution



Red (29%)

Green (34%)

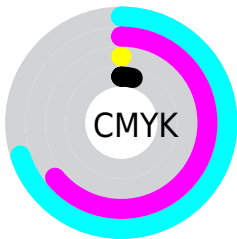
Blue (96%)



Red (29%)

Yellow (34%)

Blue (96%)

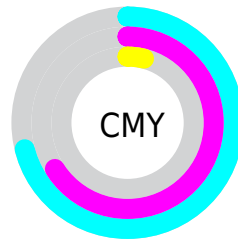


Cyan (70%)

Magenta (64%)

Yellow (0%)

Black (4%)



Cyan (71%)

Magenta (66%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4872181 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 4872181 by changing the saturation by 10% instead.

 4872181

 4872181

16777215

 1392600

 9406975

 10683

 11445503

 5536

 13484031

 1156

 15588351

 106

 16775167

 2897

 1337

 546

 9

■ 4872181

■ 4872181

■ 3227893

■ 6450933

■ 1649397

■ 8094965

■ 5109

■ 9673717

■ 11318005

■ 12896501

■ 14540789

■ 16184821

■ 16777205

Harmonies

Analogous

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



30975



4872181



12648636

Triad

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



4872181



12534528



34920

Complementary

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



4872181



16115786

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.



34054



4872181



8743168

Square

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



4872181



14876710



3308544



35511

Rectangle

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



4872181



14745738



3308544



34637

Sweetspot

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



4872181



13225727



4912615



6316672



0



8421504

Same Dimension

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



4872181



2701823



9521909



7237498



3770



1083

Inverse Universe

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



16075351



16722233



11466058



8023663



12189710



3866628

Previews

White Background



This preview shows how the Decimal color 4872181 looks on a white background.

Color Contrast Check

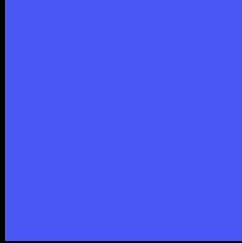
Large Text (above 18pt) WCAG AA ✓ Pass

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 4872181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

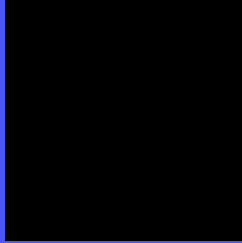
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 4872181 Background



This preview shows how black text looks on a background with the Decimal color 4872181.



This preview shows how white text looks on a background with the Decimal color 4872181.

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](#).

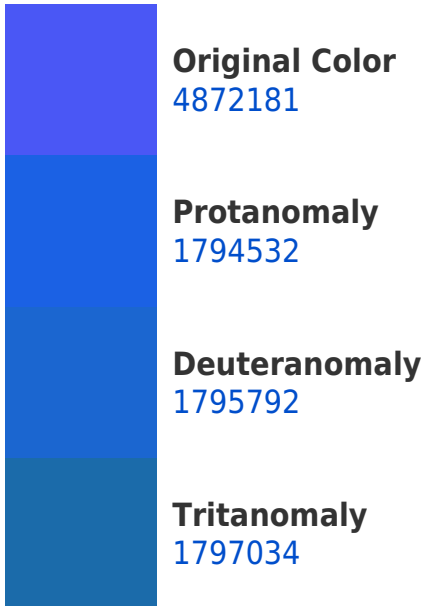
Dichromacy





Tritanopia
30335

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4872181 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 #4A57F5 looks like.

```
.text, #text, p{  
    color:#4A57F5  
}
```

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 #4A57F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A57F5
}
```

Border

The CSS property to change the border of an element to Decimal 4872181 is called "border". The border property can be set on classes, ids or directly on the HTML element.

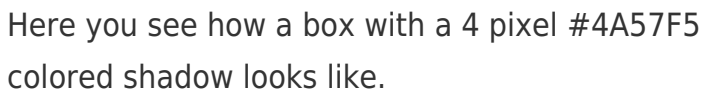
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A57F5 }
```

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

```
.border{ border-color:#4A57F5 }
```

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



Here you see how a box with a 4 pixel #4A57F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A57F5; -webkit-box-shadow:4px 4px  
4px 4px #4A57F5; box-shadow:4px 4px 4px  
4px #4A57F5 }
```

Background

The CSS property to change the background color of an element to Decimal 4872181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A57F5 }
```

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

```
.background{ background-color:#4A57F5 }
```

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