

Converting Colors

Decimal(4867768)

Have a look what the booklet for
Decimal(4867768) contains.

Decimal(4867768)	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(4867768)

Conversions

Conversions Part 1

Format	Color
Hex	4A46B8
RGB	74, 70, 184
RGB Percent	29%, 27%, 72%
CMY	0.7098, 0.7255, 0.2784
CMYK	0.60, 0.62, 0.00, 0.28
HSL	242°, 45%, 50%
HSV	242°, 62%, 72%
XYZ	13.6659, 9.2969, 46.4216
YIQ	84.1920, -34.2100, 36.3020

Conversions

Conversions Part 2

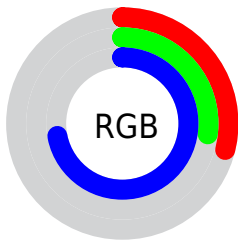
Format	Color
R_{YB}	74, 70, 184
Decimal	4867768
CIE _{Lab}	36.55, 35.43, -59.92
CIE _{LCh}	37, 69.617, 300.596
Yxy	9.2969, 0.1970, 0.1340
Android (android.graphics.Color)	4283057848 (0xFF4A46B8)
YUV	84.1920, 49.2053, -8.9384
Hunter-Lab	30.4907, 26.6448, -68.9244

Details

The Decimal color **4867768** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **11843654**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **8746993**, and **6786** is the 20% darker color. If you saturate the color by 10%, you get **3683512**, and if you desaturate by 10%, it is **6052024**.

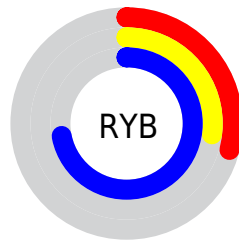
Distribution



Red (29%)

Green (27%)

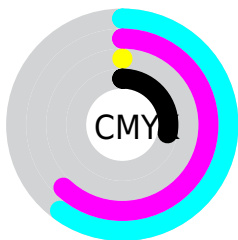
Blue (72%)



Red (29%)

Yellow (27%)

Blue (72%)

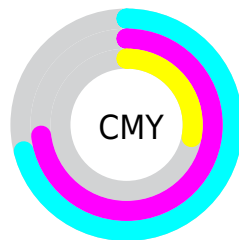


Cyan (60%)

Magenta (62%)

Yellow (0%)

Black (28%)



Cyan (71%)

Magenta (73%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4867768 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 4867768 by changing the saturation by 10% instead.

■ 4867768

■ 4867768

16777215

■ 2633629

■ 8746993

■ 6786

■ 10654207

■ 1640

■ 12561407

■ 79

■ 14534655

■ 1335

■ 16442367

■ 545

■ 5

■ 0

■ 4867768

■ 4867768

■ 3683512

■ 6052024

■ 2499000

■ 7236536

■ 1380280

■ 8355256

■ 393400

■ 9539768

■ 10724024

■ 11908280

■ 13027256

■ 14211512

■ 15396024

Harmonies

Analogous

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



24264



4867768



9902990

Triad

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



4867768



9648896



27734

Complementary

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



4867768



11843654

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.



26903



4867768



6902784

Square

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



4867768



11405089



3105280



28046

Rectangle

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



4867768



11337834



3105280



27458

Sweetspot

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



4867768



12894960



4633784



6118520



16250871



7895160

Same Dimension

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



4867768



4538096



8603320



5460828



327836



65564

Inverse Universe

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



12076724



15744745



8108102



6050651



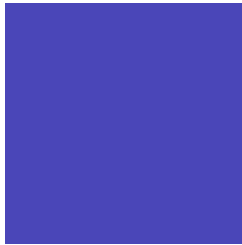
10223766



1835035

Previews

White Background



This preview shows how the Decimal color 4867768 looks on a white background.

Color Contrast Check

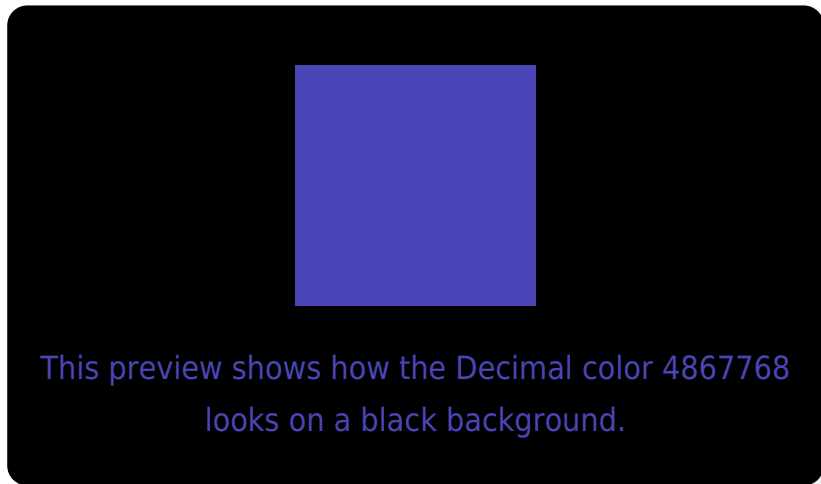
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4867768 Background



This preview shows how black text looks on a background with the Decimal color 4867768.

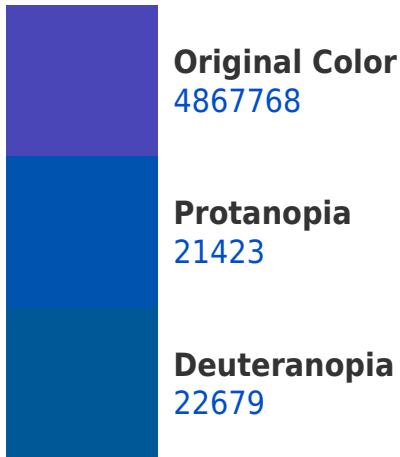



This preview shows how white text looks on a background with the Decimal color 4867768.

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
2383461

Trichromacy



Original Color
4867768

Protanomaly
1789618

Deuteranomaly
1790371

Tritanomaly
3298691

Monochromacy



Original Color
4867768

Achromatopsia
5526612

Achromatomaly
5263224

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4867768 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 #4A46B8 looks like.

```
.text, #text, p{  
    color:#4A46B8  
}
```

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 #4A46B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A46B8
}
```

Border

The CSS property to change the border of an element to Decimal 4867768 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
#4A46B8 }
```

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

```
.border{ border-color:#4A46B8 }
```

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

Here you see how a box with a 4 pixel #4A46B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A46B8; -webkit-box-shadow:4px 4px  
4px 4px #4A46B8; box-shadow:4px 4px 4px  
4px #4A46B8 }
```

Background

The CSS property to change the background color of an element to Decimal 4867768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A46B8 }
```

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

```
.background{ background-color:#4A46B8 }
```

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