

Converting Colors

Decimal(4731509)

Have a look what the booklet for
Decimal(4731509) contains.

Decimal(4731509)	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(4731509)

Conversions

Conversions Part 1

Format	Color
Hex	483275
RGB	72, 50, 117
RGB Percent	28%, 20%, 46%
CMY	0.7176, 0.8039, 0.5412
CMYK	0.38, 0.57, 0.00, 0.54
HSL	260°, 40%, 33%
HSV	260°, 57%, 46%
XYZ	7.0240, 4.9433, 17.4136
YIQ	64.2160, -8.3950, 25.5010

Conversions

Conversions Part 2

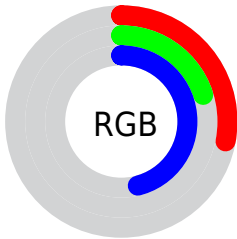
Format	Color
RYB	72, 50, 117
Decimal	4731509
CIELab	26.57, 26.32, -35.16
CIELCh	27, 43.920, 306.818
Yxy	4.9433, 0.2391, 0.1682
Android (android.graphics.Color)	4282921589 (0xFF483275)
YUV	64.2160, 26.0225, 6.8266
Hunter-Lab	22.2335, 17.4829, -30.8733

Details

The Decimal color **4731509** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6255922**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **8085930**, and **1443652** is the 20% darker color. If you saturate the color by 10%, you get **4204149**, and if you desaturate by 10%, it is **5258869**.

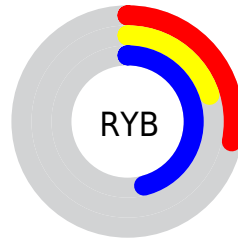
Distribution



Red (28%)

Green (20%)

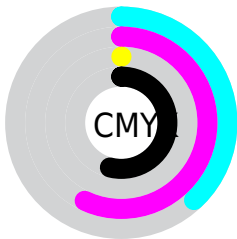
Blue (46%)



Red (28%)

Yellow (20%)

Blue (46%)

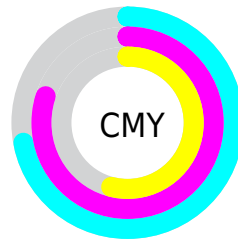


Cyan (38%)

Magenta (57%)

Yellow (0%)

Black (54%)



Cyan (72%)

Magenta (80%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4731509 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 4731509 by changing the saturation by 10% instead.

■ 4731509

■ 4731509

16777215

■ 3087452

■ 8085930

■ 1443652

■ 9861829

■ 45

■ 11637985

■ 280

■ 13479934

■ 0

■ 15387391

■ 16771071

■ 4731509

■ 4731509

■ 4204149

■ 5258869

■ 3677045

■ 5785973

■ 3149685

■ 6313333

■ 2687861

■ 6775157

■ 2490485

■ 7302517

■ 7829621

■ 8356981

■ 8884341

■ 9411445

Harmonies

Analogous

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



16770



4731509



7086170

Triad

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



4731509



6435584



20038

Complementary

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



4731509



6255922

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.



19491



4731509



4669440

Square

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



4731509



7610904



2246656



19814

Rectangle

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



4731509



7804740



2246656



19770

Sweetspot

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



4731509



8945561



3301493



4341069



13421772



5066061

Same Dimension

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



4731509



5386137



6894197



3618107



2621562



5374202

Inverse Universe

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



7680607



10039158



4093234



3880249



7995474



16384168

Previews

White Background



This preview shows how the Decimal color 4731509 looks on a white background.

Color Contrast Check

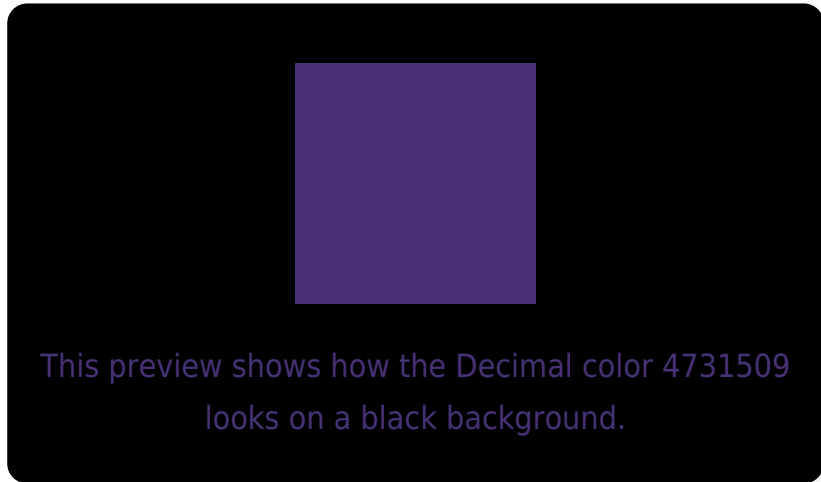
Large Text (above 18pt) WCAG AA ✓ Pass

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 4731509 Background



This preview shows how black text looks on a background with the Decimal color 4731509.

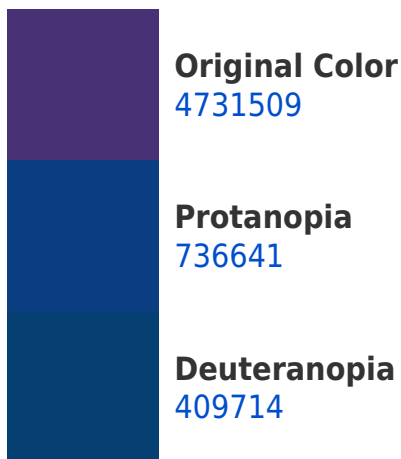


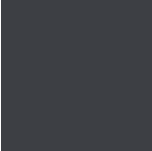
This preview shows how white text looks on a background with the Decimal color 4731509.

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
4013892

Trichromacy



Original Color
4731509

Protanomaly
2177405

Deuteranomaly
1981299

Tritanomaly
4274774

Monochromacy



Original Color
4731509

Achromatopsia
4210752

Achromatomaly
4406099

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4731509 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 #483275 looks like.

```
.text, #text, p{  
    color:#483275  
}
```

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 #483275 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #483275
}
```

Border

The CSS property to change the border of an element to Decimal 4731509 is called "border". The border property can be set on classes, ids or directly on the HTML element.

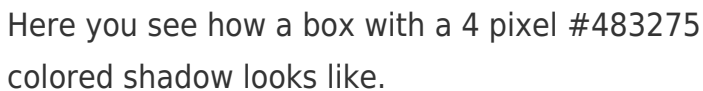
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#483275 }
```

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

```
.border{ border-color:#483275 }
```

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



Here you see how a box with a 4 pixel #483275 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #483275; -webkit-box-shadow:4px 4px  
4px 4px #483275; box-shadow:4px 4px 4px  
4px #483275 }
```

Background

The CSS property to change the background color of an element to Decimal 4731509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#483275 }
```

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

```
.background{ background-color:#483275 }
```

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