

Converting Colors

Decimal(7815309)

Have a look what the booklet for
Decimal(7815309) contains.

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Color

Decimal(7815309)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 77408D |
| RGB | 119, 64, 141 |
| RGB Percent | 47%, 25%, 55% |
| CMY | 0.5333, 0.7490, 0.4471 |
| CMYK | 0.16, 0.55, 0.00, 0.45 |
| HSL | 283°, 38%, 40% |
| HSV | 283°, 55%, 55% |
| XYZ | 14.2489, 9.5118, 26.2843 |
| YIQ | 89.2230, 8.0630, 35.6070 |

Conversions

Conversions Part 2

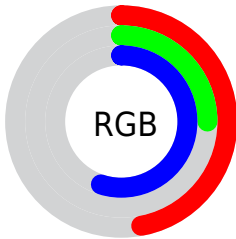
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 119, 64, 141 |
| Decimal | 7815309 |
| CIE _{Lab} | 36.95, 37.37, -33.23 |
| CIE _{LCh} | 37, 50.014, 318.355 |
| Yxy | 9.5118, 0.2847, 0.1901 |
| Android (android.graphics.Color) | 4286005389 (0xFF77408D) |
| YUV | 89.2230, 25.5261, 26.1144 |
| Hunter-Lab | 30.8412, 28.4961, -28.9407 |

Details

The Decimal color **7815309** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5672256**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **11367107**, and **4460122** is the 20% darker color. If you saturate the color by 10%, you get **7549581**, and if you desaturate by 10%, it is **8081037**.

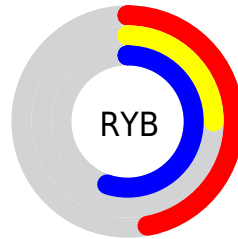
Distribution



Red (47%)

Green (25%)

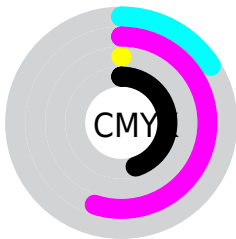
Blue (55%)



Red (47%)

Yellow (25%)

Blue (55%)

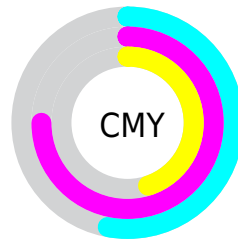


Cyan (16%)

Magenta (55%)

Yellow (0%)

Black (45%)



Cyan (53%)

Magenta (75%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7815309 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 7815309 by changing the saturation by 10% instead.

7815309

7815309

16777215

6105203

11367107

4460122

13208799

2818114

15116284

1376300

16761855

278

16769023

0

16776447

7815309

7815309

7549581

8081037

7283853

8346765

7018125

8612493

6752397

8878221

6619277

9144205

9409933

9675661

9941389

10207117

Harmonies

Analogous

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



3232676



7815309



9907816

Triad

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



7815309



7753472



26991

Complementary

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



7815309



5672256

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.



26693



7815309



5397504

Square

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



7815309



9518619



1860636



26515

Rectangle

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



7815309



10365773



1860636



26977

Sweetspot

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



7815309



11508408



4216717



5720668



14408667



6052956

Same Dimension

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



7815309



9780920



9257086



4538439



6357127



327688

Inverse Universe

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



9257046



12074593



4230479



4669506



8847399



524290

Previews

White Background



This preview shows how the Decimal color 7815309 looks on a white background.

Color Contrast Check

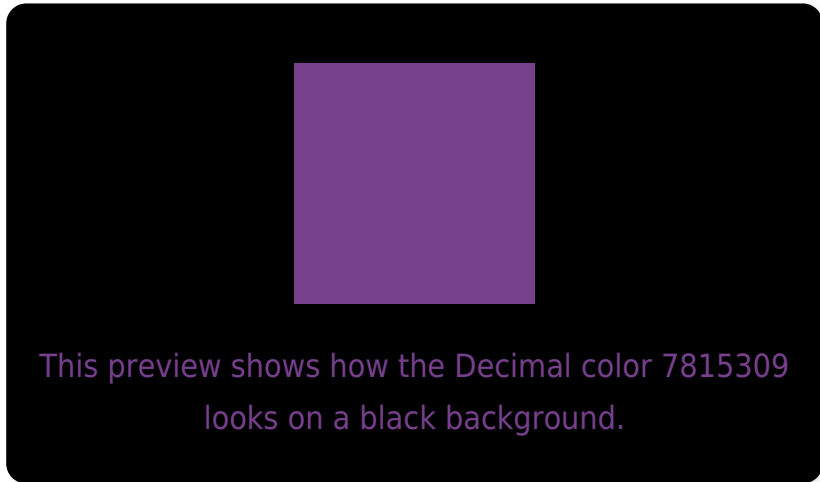
Large Text (above 18pt) WCAG AA ✓ Pass

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

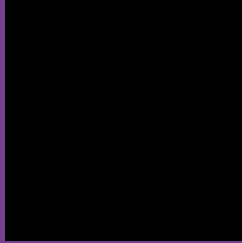
Any Text WCAG AA × Fail

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 7815309 Background



This preview shows how black text looks on a background with the Decimal color 7815309.



This preview shows how white text looks on a background with the Decimal color 7815309.

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
7294805

Trichromacy



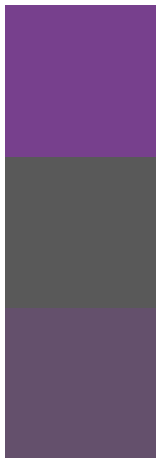
Original Color
7815309

Protanomaly
4869530

Deuteranomaly
5394314

Tritanomaly
7490153

Monochromacy



Original Color
7815309

Achromatopsia
5855577

Achromatomaly
6574188

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7815309 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 #77408D looks like.

```
.text, #text, p{  
    color:#77408D  
}
```

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 #77408D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77408D
}
```

Border

The CSS property to change the border of an element to Decimal 7815309 is called "border". The border property can be set on classes, ids or directly on the HTML element.

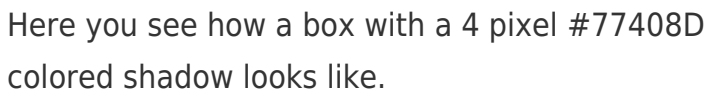
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77408D }
```

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

```
.border{ border-color:#77408D }
```

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



Here you see how a box with a 4 pixel #77408D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77408D; -webkit-box-shadow:4px 4px  
4px 4px #77408D; box-shadow:4px 4px 4px  
4px #77408D }
```

Background

The CSS property to change the background color of an element to Decimal 7815309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77408D }
```

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

```
.background{ background-color:#77408D }
```

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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