

Converting Colors

Decimal(7419836)

Have a look what the booklet for
Decimal(7419836) contains.

| | |
|--|----|
| Decimal(7419836) | 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(7419836)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7137BC |
| RGB | 113, 55, 188 |
| RGB Percent | 44%, 22%, 74% |
| CMY | 0.5569, 0.7843, 0.2627 |
| CMYK | 0.40, 0.71, 0.00, 0.26 |
| HSL | 266°, 55%, 48% |
| HSV | 266°, 71%, 74% |
| XYZ | 17.2533, 9.8739, 48.5735 |
| YIQ | 87.5040, -8.1250, 53.6590 |

Conversions

Conversions Part 2

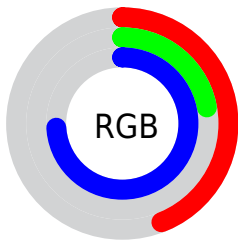
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 113, 55, 188 |
| Decimal | 7419836 |
| CIE _{Lab} | 37.62, 52.01, -60.38 |
| CIE _{LCh} | 38, 79.688, 310.739 |
| Yxy | 9.8739, 0.2279, 0.1304 |
| Android (android.graphics.Color) | 4285609916 (0xFF7137BC) |
| YUV | 87.5040, 49.5445, 22.3600 |
| Hunter-Lab | 31.4228, 43.0192, -69.6547 |

Details

The Decimal color **7419836** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **8567863**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **11168501**, and **3604614** is the 20% darker color. If you saturate the color by 10%, you get **6694076**, and if you desaturate by 10%, it is **8145596**.

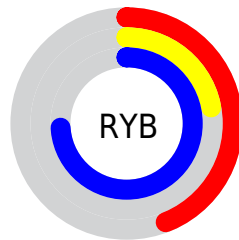
Distribution



Red (44%)

Green (22%)

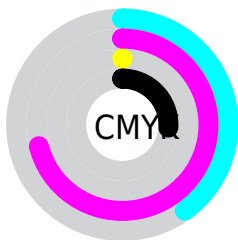
Blue (74%)



Red (44%)

Yellow (22%)

Blue (74%)

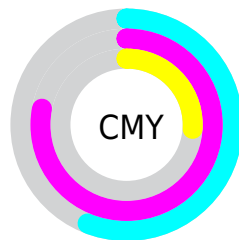


Cyan (40%)

Magenta (71%)

Yellow (0%)

Black (26%)



Cyan (56%)

Magenta (78%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7419836 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 7419836 by changing the saturation by 10% instead.

 7419836

 7419836

16777215

 5577888

 11168501

 3604614


 13075967

 1245291

 15048959

 82

 16760063

 1594

 16767231

 548

 16774655

 11

 0

 7419836

 7419836

6694076

8145596

6033852

8805820

5374140

9531324

10191548

10917308

11643068

12303292

13028796

13689020

Harmonies

Analogous

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



23514



7419836



11665541

Triad

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



7419836



9258240



29039

Complementary

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



7419836



8567863

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.



28458



7419836



5791232

Square

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



7419836



11799040



27136



29101

Rectangle

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



7419836



12648538



27136



29017

Sweetspot

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



7419836



14205429



3637948



6904954



16448250



8026746

Same Dimension

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



7419836



8332789



11745212



5854558



4522142



851999

Inverse Universe

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



12334978



16065946



4242487



6182234



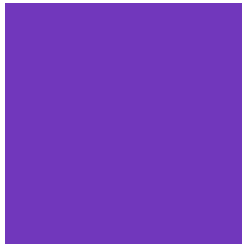
10354777



2031633

Previews

White Background



This preview shows how the Decimal color 7419836 looks on a white background.

Color Contrast Check

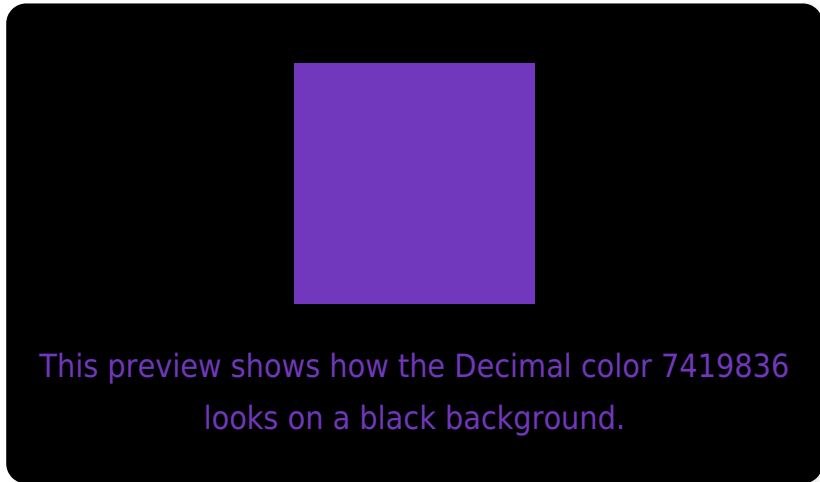
Large Text (above 18pt) WCAG AA ✓ Pass

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

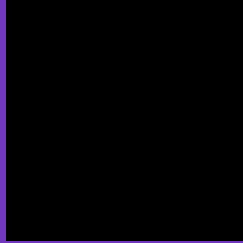
Any Text WCAG AA × Fail

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 7419836 Background



This preview shows how black text looks on a background with the Decimal color 7419836.

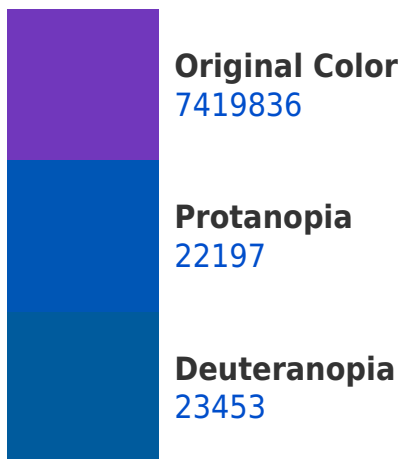



This preview shows how white text looks on a background with the Decimal color 7419836.

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



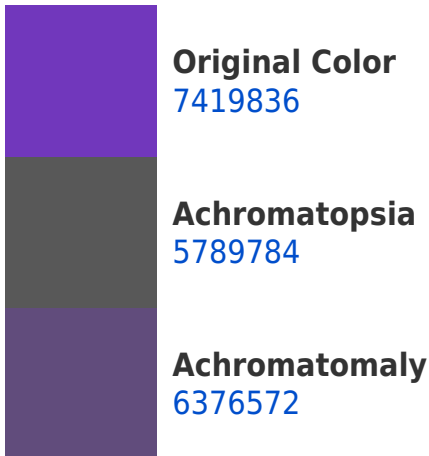


Tritanopia
6051678

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7419836 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 #7137BC looks like.

```
.text, #text, p{  
  color:#7137BC  
}
```

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 #7137BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7137BC
}
```

Border

The CSS property to change the border of an element to Decimal 7419836 is called "border". The border property can be set on classes, ids or directly on the HTML element.

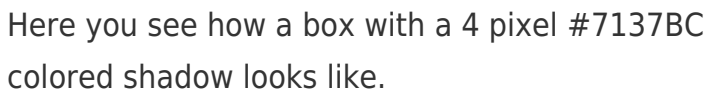
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7137BC }
```

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

```
.border{ border-color:#7137BC }
```

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



Here you see how a box with a 4 pixel #7137BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7137BC; -webkit-box-shadow:4px 4px  
4px 4px #7137BC; box-shadow:4px 4px 4px  
4px #7137BC }
```

Background

The CSS property to change the background color of an element to Decimal 7419836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7137BC }
```

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

```
.background{ background-color:#7137BC }
```

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