

Converting Colors

Decimal(7479213)

Have a look what the booklet for
Decimal(7479213) contains.

Decimal(7479213)	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>	28

Color

Decimal(7479213)

Conversions

Conversions Part 1

Format	Color
Hex	721FAD
RGB	114, 31, 173
RGB Percent	45%, 12%, 68%
CMY	0.5529, 0.8784, 0.3216
CMYK	0.34, 0.82, 0.00, 0.32
HSL	275°, 70%, 40%
HSV	275°, 82%, 68%
XYZ	14.9722, 7.5745, 40.2081
YIQ	72.0050, 3.8860, 61.7580

Conversions

Conversions Part 2

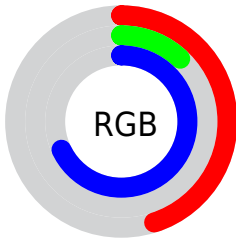
Format	Color
RYB	114, 31, 173
Decimal	7479213
CIELab	33.08, 58.48, -58.87
CIElCh	33, 82.977, 314.812
Yxy	7.5745, 0.2386, 0.1207
Android (android.graphics.Color)	4285669293 (0xFF721FAD)
YUV	72.0050, 49.7905, 36.8296
Hunter-Lab	27.5218, 48.9432, -67.3546

Details

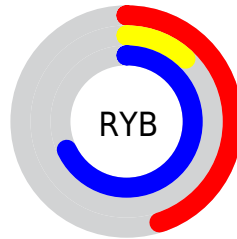
The Decimal color **7479213** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **5942559**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **11229157**, and **3735671** is the 20% darker color. If you saturate the color by 10%, you get **7016109**, and if you desaturate by 10%, it is **7942317**.

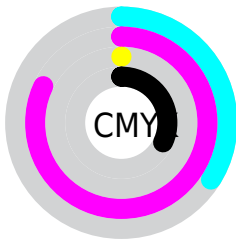
Distribution



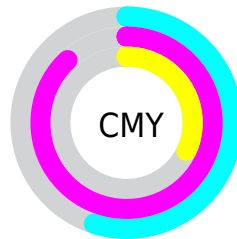
- Red (45%)
- Green (12%)
- Blue (68%)



- Red (45%)
- Yellow (12%)
- Blue (68%)



- Cyan (34%)
- Magenta (82%)
- Yellow (0%)
- Black (32%)



- Cyan (55%)
- Magenta (88%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7479213 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 7479213 by changing the saturation by 10% instead.

■ 7479213

■ 7479213

16777215

■ 5636242

■ 11229157

■ 3735671

■ 13136639

■ 1769566

■ 15044095

■ 69

■ 16754943

■ 814

■ 16762367

■ 280

■ 16769535

■ 0

■ 7479213

■ 7479213

■ 7016109

■ 7942317

6619309

8405677

8934317

9397421

9860781

10323885

10786989

11315629

11778989

Harmonies

Analogous

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



19921



7479213



11272306

Triad

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



7479213



8076800



26222

Complementary

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



7479213



5942559

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.



25640



7479213



4281600

Square

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



7479213



10747904



24320



26283

Rectangle

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



7479213



12058695



24320



25943

Sweetspot

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



7479213



13215968



2054829



6442864



15790320



7368816

Same Dimension

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



7479213



8717536



11345825



5459543



5767318



851991

Inverse Universe

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



11345754



14681184



2075947



5721682



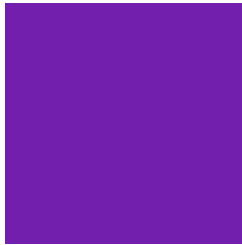
9830463



1507338

Previews

White Background



This preview shows how the Decimal color 7479213 looks on a white background.

Color Contrast Check

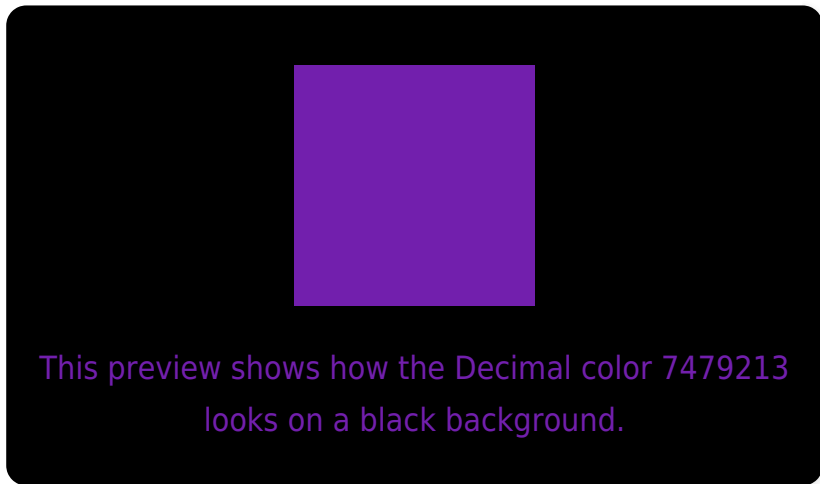
Large Text (above 18pt) WCAG AA ✓ Pass

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

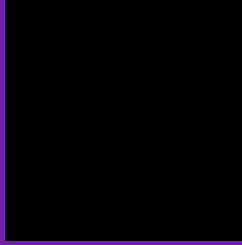
Any Text WCAG AA × Fail

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 7479213 Background



This preview shows how black text looks on a background with the Decimal color 7479213.

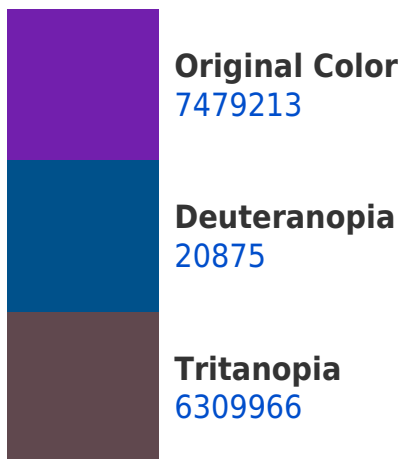


This preview shows how white text looks on a background with the Decimal color 7479213.

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



Trichromacy



Original Color

7479213



Deuteranomaly

2703255



Tritanomaly

6764913

Monochromacy



Original Color

7479213



Achromatopsia

4737096



Achromatomaly

5716333

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7479213 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 #721FAD looks like.

```
.text, #text, p{  
  color:#721FAD  
}
```

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 #721FAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #721FAD
}
```

Border

The CSS property to change the border of an element to Decimal 7479213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

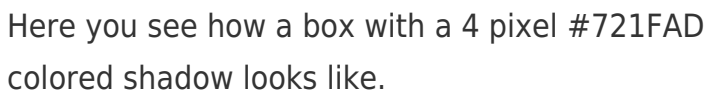
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#721FAD }
```

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

```
.border{ border-color:#721FAD }
```

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



Here you see how a box with a 4 pixel #721FAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #721FAD; -webkit-box-shadow:4px 4px  
4px 4px #721FAD; box-shadow:4px 4px 4px  
4px #721FAD }
```

Background

The CSS property to change the background color of an element to Decimal 7479213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#721FAD }
```

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

```
.background{ background-color:#721FAD }
```

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