

Converting Colors

Decimal(7212247)

Have a look what the booklet for
Decimal(7212247) contains.

Decimal(7212247)	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(7212247)

Conversions

Conversions Part 1

Format	Color
Hex	6E0CD7
RGB	110, 12, 215
RGB Percent	43%, 5%, 84%
CMY	0.5686, 0.9529, 0.1569
CMYK	0.49, 0.94, 0.00, 0.16
HSL	269°, 89%, 45%
HSV	269°, 94%, 84%
XYZ	18.8276, 8.4842, 64.9353
YIQ	64.4440, -6.7550, 83.9090

Conversions

Conversions Part 2

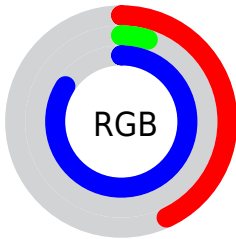
Format	Color
R_{YB}	110, 12, 215
Decimal	7212247
CIE _{Lab}	34.97, 71.76, -80.46
CIE _{LCh}	35, 107.815, 311.728
Yxy	8.4842, 0.2041, 0.0920
Android (android.graphics.Color)	4285402327 (0xFF6E0CD7)
YUV	64.4440, 74.2241, 39.9526
Hunter-Lab	29.1277, 64.4056, -111.7876

Details

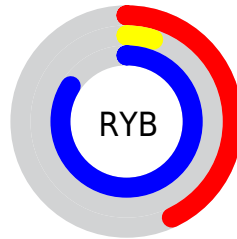
The Decimal color **7212247** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **7722764**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **11227391**, and **2621599** is the 20% darker color. If you saturate the color by 10%, you get **6815959**, and if you desaturate by 10%, it is **7938519**.

Distribution



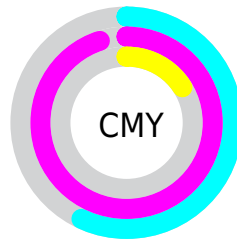
- Red (43%)
- Green (5%)
- Blue (84%)



- Red (43%)
- Yellow (5%)
- Blue (84%)



- Cyan (49%)
- Magenta (94%)
- Yellow (0%)
- Black (16%)






















- Cyan (57%)
- Magenta (95%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7212247 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 7212247 by changing the saturation by 10% instead.

 7212247	 7212247
 16777215	 5111994
 11227391	 2621599
 13266175	 132
 15304959	 105
 16753919	 1360
 16761087	 1336
 16768511	 545
 16776191	 7
	 0

■ 7212247

■ 7212247

■ 6815959

■ 7938519

■ 8665047

■ 9391575

■ 10117847

■ 10909655

■ 11636183

■ 12362711

■ 13088983

■ 13815511

Harmonies

Analogous

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



22527



7212247



13041802

Triad

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



7212247



9320448



28276

Complementary

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



7212247



7722764

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.



27410



7212247



4545024

Square

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



7212247



12648448



26368



28871

Rectangle

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



7212247



14221394



26368



27990

Sweetspot

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



7212247



14334207



817367



6902912



0



8421504

Same Dimension

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



7212247



8061183



13634775



6709355



5374123



1376299

Inverse Universe

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



14093429



16711812



1300236



7037030



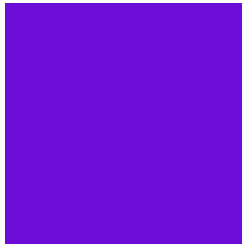
11206744



2818070

Previews

White Background



This preview shows how the Decimal color 7212247 looks on a white background.

Color Contrast Check

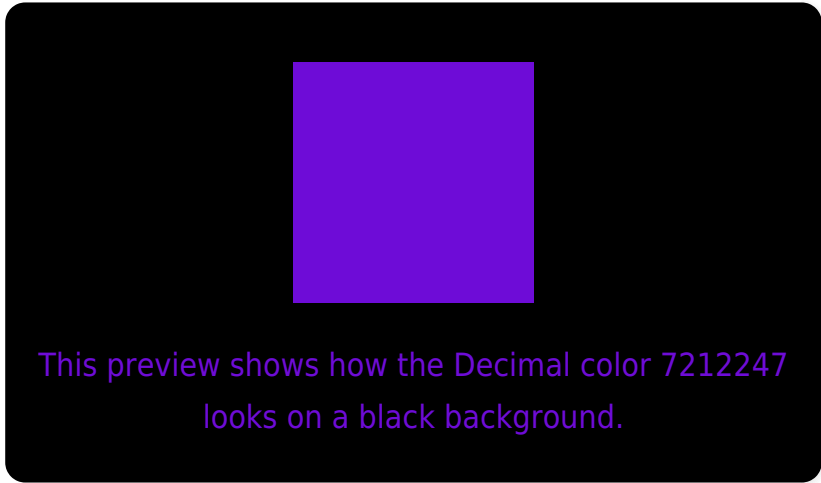
Large Text (above 18pt) WCAG AA ✓ Pass

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

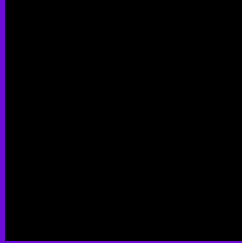
Any Text WCAG AA × Fail

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 7212247 Background



This preview shows how black text looks on a background with the Decimal color 7212247.

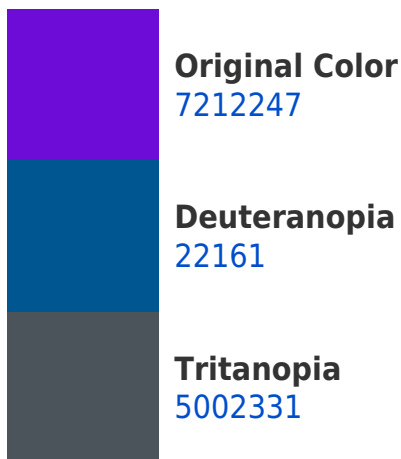


This preview shows how white text looks on a background with the Decimal color 7212247.

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
7212247

Deuteranomaly
2636714

Tritanomaly
5782152

Monochromacy



Original Color
7212247

Achromatopsia
4210752

Achromatomaly
5320055

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7212247 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 #6E0CD7 looks like.

```
.text, #text, p{  
  color:#6E0CD7  
}
```

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 #6E0CD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E0CD7
}
```

Border

The CSS property to change the border of an element to Decimal 7212247 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
#6E0CD7 }
```

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

```
.border{ border-color:#6E0CD7 }
```

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

Here you see how a box with a 4 pixel #6E0CD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E0CD7; -webkit-box-shadow:4px 4px  
4px 4px #6E0CD7; box-shadow:4px 4px 4px  
4px #6E0CD7 }
```

Background

The CSS property to change the background color of an element to Decimal 7212247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E0CD7 }
```

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

```
.background{ background-color:#6E0CD7 }
```

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