

Converting Colors

Decimal(7031419)

Have a look what the booklet for
Decimal(7031419) contains.

Decimal(7031419)	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(7031419)

Conversions

Conversions Part 1

Format	Color
Hex	6B4A7B
RGB	107, 74, 123
RGB Percent	42%, 29%, 48%
CMY	0.5804, 0.7098, 0.5176
CMYK	0.13, 0.40, 0.00, 0.52
HSL	280°, 25%, 39%
HSV	280°, 40%, 48%
XYZ	12.0873, 9.4534, 19.9265
YIQ	89.4530, 3.9390, 22.2350

Conversions

Conversions Part 2

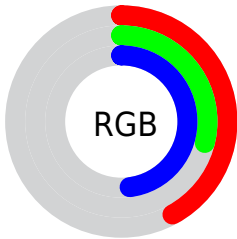
Format	Color
R_{YB}	107, 74, 123
Decimal	7031419
CIE _{Lab}	36.84, 23.67, -22.44
CIE _{LCh}	37, 32.616, 316.524
Yxy	9.4534, 0.2915, 0.2280
Android (android.graphics.Color)	4285221499 (0xFF6B4A7B)
YUV	89.4530, 16.5387, 15.3887
Hunter-Lab	30.7464, 16.3675, -16.9029

Details

The Decimal color **7031419** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5929802**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **10451888**, and **3808586** is the 20% darker color. If you saturate the color by 10%, you get **6766203**, and if you desaturate by 10%, it is **7296635**.

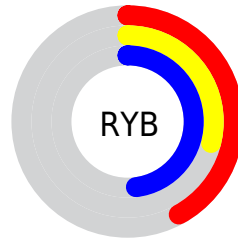
Distribution



Red (42%)

Green (29%)

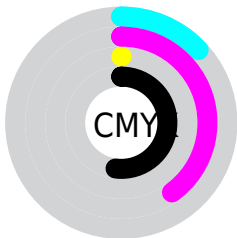
Blue (48%)



Red (42%)

Yellow (29%)

Blue (48%)

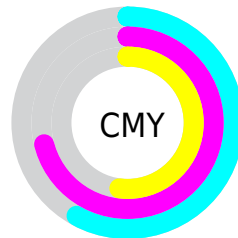


Cyan (13%)

Magenta (40%)

Yellow (0%)

Black (52%)



Cyan (58%)

Magenta (71%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7031419 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 7031419 by changing the saturation by 10% instead.

7031419

7031419

16777215

5387106

10451888

3808586

12228043

2295603

14069991

393246

15977727

0

16771327

7031419

7031419

6766203

7296635

6500731

7562107

6235515

7827323

5970299

8092539

5705083

8358011

5439611

8623227

8888443

9153659

9419131

Harmonies

Analogous

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



4478089



7031419



8471140

Triad

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



7031419



7360802



25701

Complementary

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



7031419



5929802

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.



222026



7031419



5790242

Square

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



7031419



8472370



3825713



25212

Rectangle

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



7031419



8863826



3825713



25692

Sweetspot

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



7031419



10128801



4872827



5129810



13750737



5395026

Same Dimension

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



7031419



8869025



8079987



3880765



5505149



11141372

Inverse Universe

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



8079962



10572909



4881234



4011833



8192041



16515154

Previews

White Background



This preview shows how the Decimal color 7031419 looks on a white background.

Color Contrast Check

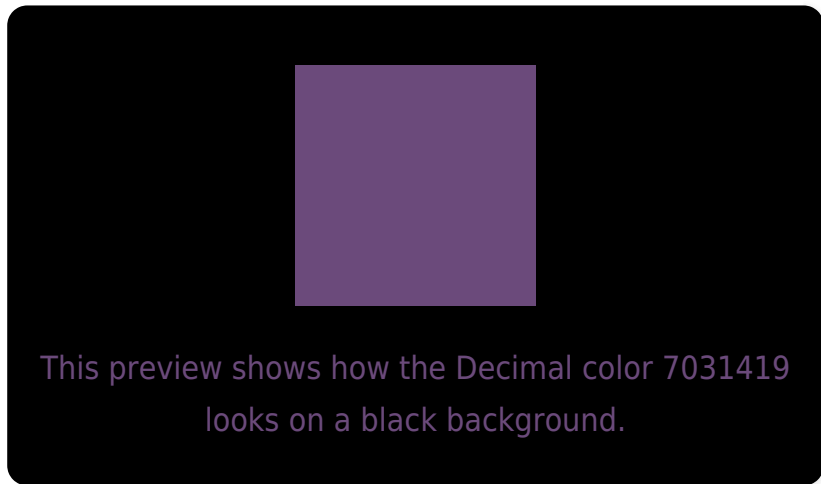
Large Text (above 18pt) WCAG AA ✓ Pass

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

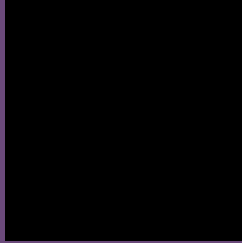
Any Text WCAG AA × Fail

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 7031419 Background



This preview shows how black text looks on a background with the Decimal color 7031419.

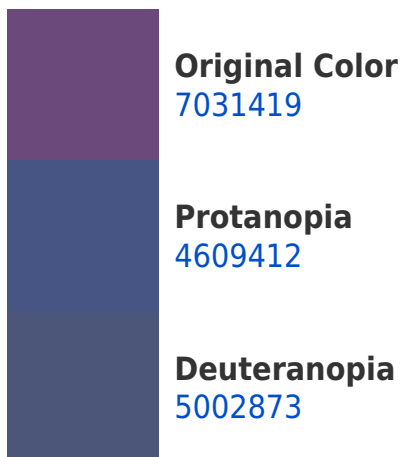


This preview shows how white text looks on a background with the Decimal color 7031419.

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
7031419

Protanomaly
5460353

Deuteranomaly
5722746

Tritanomaly
6836069

Monochromacy



Original Color
7031419

Achromatopsia
5855577

Achromatomaly
6313061

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7031419 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 #6B4A7B looks like.

```
.text, #text, p{  
    color:#6B4A7B  
}
```

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 #6B4A7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4A7B
}
```

Border

The CSS property to change the border of an element to Decimal 7031419 is called "border". The border property can be set on classes, ids or directly on the HTML element.

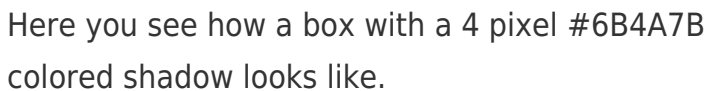
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4A7B }
```

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

```
.border{ border-color:#6B4A7B }
```

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



Here you see how a box with a 4 pixel #6B4A7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4A7B; -webkit-box-shadow:4px 4px  
4px 4px #6B4A7B; box-shadow:4px 4px 4px  
4px #6B4A7B }
```

Background

The CSS property to change the background color of an element to Decimal 7031419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4A7B }
```

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

```
.background{ background-color:#6B4A7B }
```

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