

Converting Colors

Decimal(7012419)

Have a look what the booklet for
Decimal(7012419) contains.

Decimal(7012419)	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(7012419)

Conversions

Conversions Part 1

Format	Color
Hex	6B0043
RGB	107, 0, 67
RGB Percent	42%, 0%, 26%
CMY	0.5804, 1.0000, 0.7373
CMYK	0.00, 1.00, 0.37, 0.58
HSL	322°, 100%, 21%
HSV	322°, 100%, 42%
XYZ	7.0765, 3.5310, 5.6188
YIQ	39.6310, 42.2650, 43.5210

Conversions

Conversions Part 2

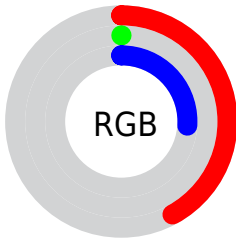
Format	Color
RYB	107, 0, 67
Decimal	7012419
CIELab	22.06, 46.31, -8.85
CIElCh	22, 47.146, 349.186
Yxy	3.5310, 0.4361, 0.2176
Android (android.graphics.Color)	4285202499 (0xFF6B0043)
YUV	39.6310, 13.4929, 59.0826
Hunter-Lab	18.7911, 34.3368, -4.5747

Details

The Decimal color **7012419** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **27432**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **10633075**, and **3670041** is the 20% darker color. If you saturate the color by 10%, you get **7012419**, and if you desaturate by 10%, it is **7015239**.

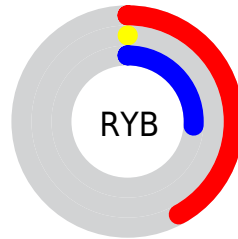
Distribution



Red (42%)

Green (0%)

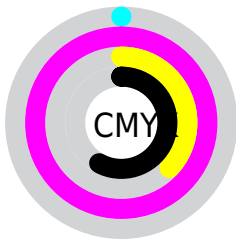
Blue (26%)



Red (42%)

Yellow (0%)

Blue (26%)

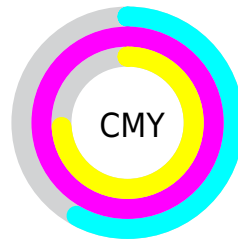


Cyan (0%)

Magenta (100%)

Yellow (37%)

Black (58%)



Cyan (58%)

Magenta (100%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7012419 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 7012419 by changing the saturation by 10% instead.

 7012419

 7012419

16777215

 5242925

 10633075

 3670041

 12540557

 1638401

 14447783

 0

 16355266

 16755678

 16762875

 16770047

 7012419

■ 7015239

■ 7017803

■ 7020623

■ 7023443

■ 7026263

■ 7028827

■ 7031647

■ 7034467

■ 7037031

Harmonies

Analogous

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



5250403



7012419



7340064

Triad

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



7012419



2963968



17002

Complementary

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



7012419



27432

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.



17227



7012419



16384

Square

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



7012419



4992768



16934



15738

Rectangle

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



7012419



6886408



16934



17249

Sweetspot

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



7012419



9200253



2556011



4664894



13092807



4671303

Same Dimension

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



7012419



9175128



7012366



3551284



7667785



16056473

Inverse Universe

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



7012419



9175128



27485



3551284



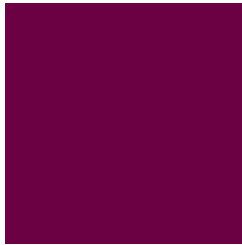
7667785



16056473

Previews

White Background



This preview shows how the Decimal color 7012419 looks on a white background.

Color Contrast Check

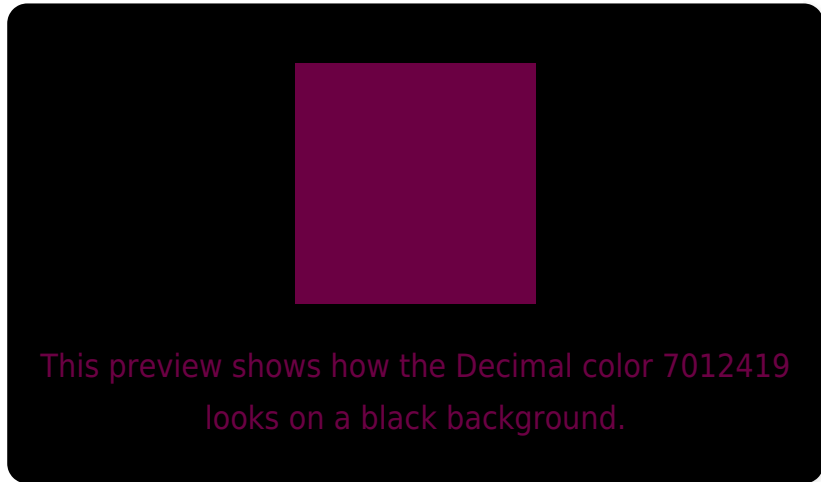
Large Text (above 18pt) WCAG AA ✓ Pass

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

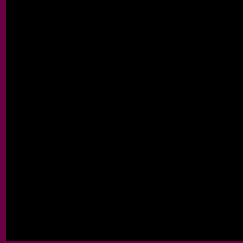
Any Text WCAG AA × Fail

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 7012419 Background



This preview shows how black text looks on a background with the Decimal color 7012419.

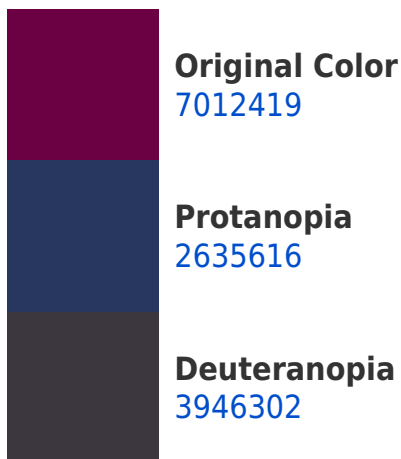


This preview shows how white text looks on a background with the Decimal color 7012419.

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
6887963

Trichromacy



Original Color
7012419

Protanomaly
4203349

Deuteranomaly
5055296

Tritanomaly
6951210

Monochromacy



Original Color
7012419

Achromatopsia
2631720

Achromatomaly
4200754

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7012419 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 #6B0043 looks like.

```
.text, #text, p{  
  color:#6B0043  
}
```

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 #6B0043 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B0043
}
```

Border

The CSS property to change the border of an element to Decimal 7012419 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".

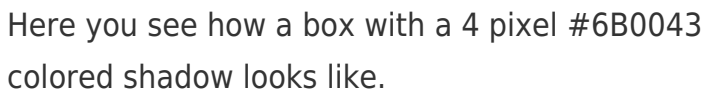
```
.border, #border, table{ border:4px solid
#6B0043 }
```

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

```
.border{ border-color:#6B0043 }
```

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

Here you see how a box with a 4 pixel #6B0043 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B0043; -webkit-box-shadow:4px 4px  
4px 4px #6B0043; box-shadow:4px 4px 4px  
4px #6B0043 }
```

Background

The CSS property to change the background color of an element to Decimal 7012419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B0043 }
```

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

```
.background{ background-color:#6B0043 }
```

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