

Converting Colors

Decimal(7228270)

Have a look what the booklet for
Decimal(7228270) contains.

Decimal(7228270)	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(7228270)

Conversions

Conversions Part 1

Format	Color
Hex	6E4B6E
RGB	110, 75, 110
RGB Percent	43%, 29%, 43%
CMY	0.5686, 0.7059, 0.5686
CMYK	0.00, 0.32, 0.00, 0.57
HSL	300°, 19%, 36%
HSV	300°, 32%, 43%
XYZ	11.7610, 9.4729, 15.9604
YIQ	89.4550, 9.6250, 18.3050

Conversions

Conversions Part 2

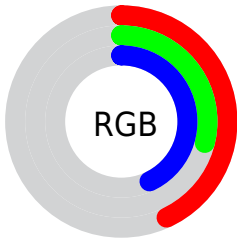
Format	Color
R_{YB}	110, 75, 110
Decimal	7228270
CIE _{Lab}	36.88, 21.23, -14.28
CIE _{LCh}	37, 25.585, 326.068
Yxy	9.4729, 0.3162, 0.2547
Android (android.graphics.Color)	4285418350 (0xFF6E4B6E)
YUV	89.4550, 10.1287, 18.0180
Hunter-Lab	30.7781, 14.3468, -9.2010

Details

The Decimal color **7228270** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4943435**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **10648738**, and **4005438** is the 20% darker color. If you saturate the color by 10%, you get **7225454**, and if you desaturate by 10%, it is **7231086**.

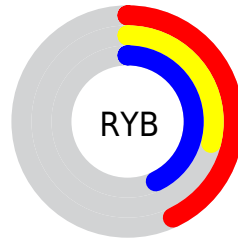
Distribution



Red (43%)

Green (29%)

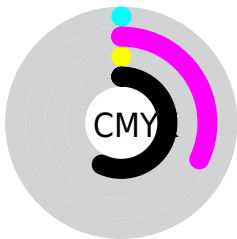
Blue (43%)



Red (43%)

Yellow (29%)

Blue (43%)

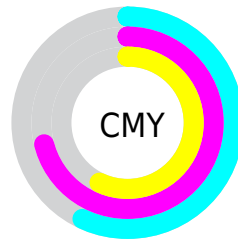


Cyan (0%)

Magenta (32%)

Yellow (0%)

Black (57%)



Cyan (57%)

Magenta (71%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7228270 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 7228270 by changing the saturation by 10% instead.



7228270



7228270

16777215



5583958



10648738



4005438



12424893



2557992



14266841



655379



16174581



0



16771583



7228270



7228270



7225454



7231086



7222638



7233902

7219822

7236718

7217006

7239534

7214190

7242350

7211374

7245166

7209070

7247982

7250798

7253614

Harmonies

Analogous

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



5591676



7228270



8144730

Triad

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



7228270



6706477



24936

Complementary

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



7228270



4943435

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.



1728851



7228270



5397297

Square

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



7228270



7753013



3759935



24440

Rectangle

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



7228270



8341324



3759935



25185

Sweetspot

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



7228270



9404815



4934510



4669255



13092807



4671303

Same Dimension

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



7228270



9394575



7228253



3682872



7864440



16187639

Inverse Universe

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



7228270



9394575



4943453



3682872



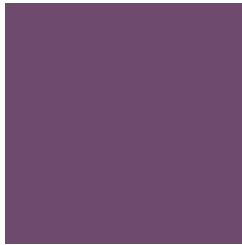
7864440



16187639

Previews

White Background



This preview shows how the Decimal color 7228270 looks on a white background.

Color Contrast Check

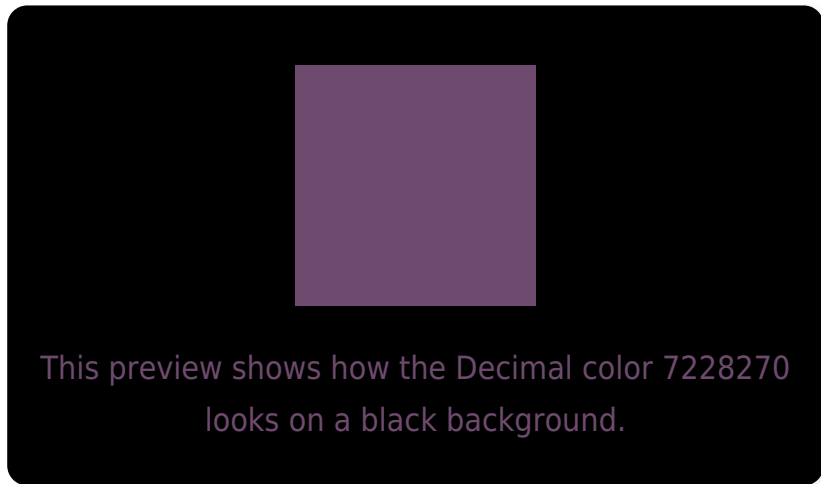
Large Text (above 18pt) WCAG AA ✓ Pass

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

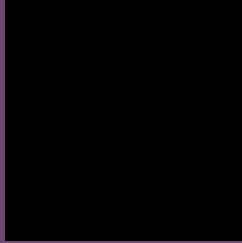
Any Text WCAG AA × Fail

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 7228270 Background



This preview shows how black text looks on a background with the Decimal color 7228270.



This preview shows how white text looks on a background with the Decimal color 7228270.

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
7032918

Trichromacy



Original Color
7228270

Protanomaly
5919347

Deuteranomaly
6181229

Tritanomaly
7097951

Monochromacy



Original Color
7228270

Achromatopsia
5855577

Achromatomaly
6378593

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7228270 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 #6E4B6E looks like.

```
.text, #text, p{  
    color:#6E4B6E  
}
```

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 #6E4B6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E4B6E
}
```

Border

The CSS property to change the border of an element to Decimal 7228270 is called "border". The border property can be set on classes, ids or directly on the HTML element.

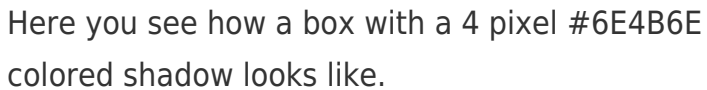
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E4B6E }
```

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

```
.border{ border-color:#6E4B6E }
```

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



Here you see how a box with a 4 pixel #6E4B6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E4B6E; -webkit-box-shadow:4px 4px  
4px 4px #6E4B6E; box-shadow:4px 4px 4px  
4px #6E4B6E }
```

Background

The CSS property to change the background color of an element to Decimal 7228270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E4B6E }
```

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

```
.background{ background-color:#6E4B6E }
```

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