

Converting Colors

Decimal(7217268)

Have a look what the booklet for
Decimal(7217268) contains.

Decimal(7217268)	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(7217268)

Conversions

Conversions Part 1

Format	Color
Hex	6E2074
RGB	110, 32, 116
RGB Percent	43%, 13%, 45%
CMY	0.5686, 0.8745, 0.5451
CMYK	0.05, 0.72, 0.00, 0.55
HSL	296°, 57%, 29%
HSV	296°, 72%, 45%
XYZ	10.0993, 5.6090, 17.0733
YIQ	64.8980, 19.5240, 42.6600

Conversions

Conversions Part 2

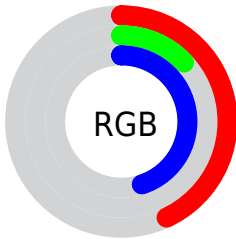
Format	Color
R_{YB}	110, 32, 116
Decimal	7217268
CIE _{Lab}	28.40, 45.43, -31.29
CIE _{LCh}	28, 55.160, 325.440
Yxy	5.6090, 0.3081, 0.1711
Android (android.graphics.Color)	4285407348 (0xFF6E2074)
YUV	64.8980, 25.1933, 39.5545
Hunter-Lab	23.6833, 34.6724, -26.1641

Details

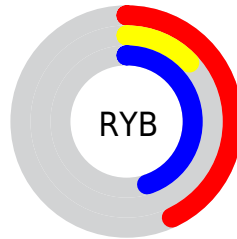
The Decimal color **7217268** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2520096**, and the grayscale version is **4276545**.

A 20% lighter version of the original color is **10769577**, and **3866691** is the 20% darker color. If you saturate the color by 10%, you get **7148660**, and if you desaturate by 10%, it is **7285876**.

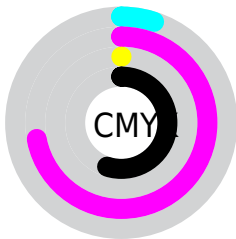
Distribution



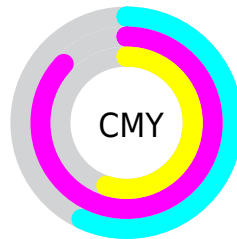
- Red (43%)
- Green (13%)
- Blue (45%)



- Red (43%)
- Yellow (13%)
- Blue (45%)



- Cyan (5%)
- Magenta (72%)
- Yellow (0%)
- Black (55%)



- Cyan (57%)
- Magenta (87%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7217268 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 7217268 by changing the saturation by 10% instead.

 7217268

 7217268

16777215

 5505115

 10769577

 3866691

 12611268

 2424877

 14518752

 279

 16426237

 0

 16761087

 16768255

 16775679

 7217268

 7217268

7148660

7285876

7080308

7354228

7078004

7357300

7425652

7494260

7562868

7631220

7699828

7702644

Harmonies

Analogous

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



2702225



7217268



8912971

Triad

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



7217268



5783296



21863

Complementary

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



7217268



2520096

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.



21563



7217268



3164928

Square

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



7217268



7809792



20747



21129

Rectangle

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



7217268



9109551



20747



21849

Sweetspot

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



7217268



9729430



2107252



4929869



13421772



5066061

Same Dimension

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



7217268



9245846



7610449



3814715



7471226



15204602

Inverse Universe

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



7610406



9835549



2126915



3880245



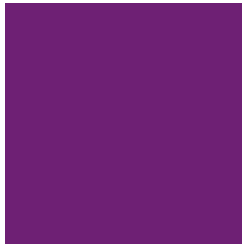
7995401



16384018

Previews

White Background



This preview shows how the Decimal color 7217268 looks on a white background.

Color Contrast Check

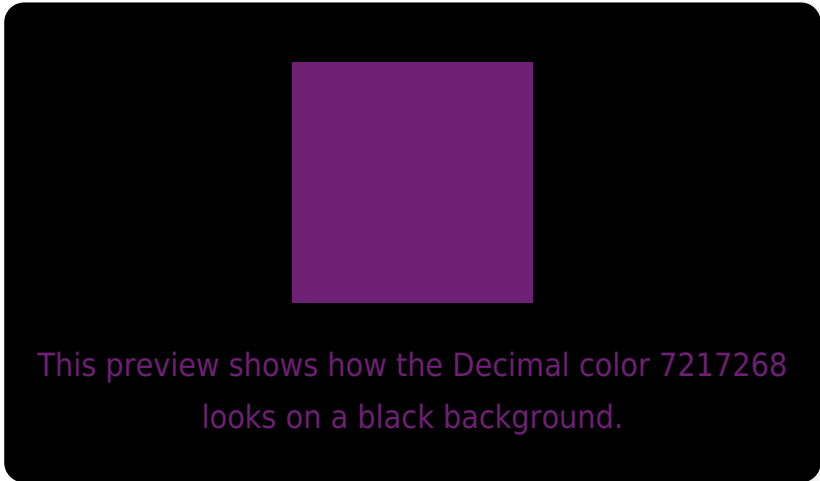
Large Text (above 18pt) WCAG AA ✓ Pass

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

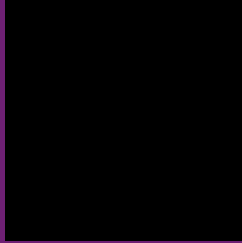
Any Text WCAG AA × Fail

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 7217268 Background



This preview shows how black text looks on a background with the Decimal color 7217268.



This preview shows how white text looks on a background with the Decimal color 7217268.

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
7217268

Protanomaly
2635395

Deuteranomaly
4405104

Tritanomaly
6958414

Monochromacy



Original Color
7217268

Achromatopsia
4276545

Achromatomaly
5322068

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7217268 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 #6E2074 looks like.

```
.text, #text, p{  
  color:#6E2074  
}
```

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 #6E2074 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E2074
}
```

Border

The CSS property to change the border of an element to Decimal 7217268 is called "border". The border property can be set on classes, ids or directly on the HTML element.

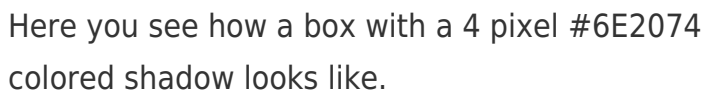
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E2074 }
```

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

```
.border{ border-color:#6E2074 }
```

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



Here you see how a box with a 4 pixel #6E2074 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E2074; -webkit-box-shadow:4px 4px  
4px 4px #6E2074; box-shadow:4px 4px 4px  
4px #6E2074 }
```

Background

The CSS property to change the background color of an element to Decimal 7217268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E2074 }
```

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

```
.background{ background-color:#6E2074 }
```

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