

Converting Colors

Decimal(7028378)

Have a look what the booklet for
Decimal(7028378) contains.

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Color

Decimal(7028378)

Conversions

Conversions Part 1

Format	Color
Hex	6B3E9A
RGB	107, 62, 154
RGB Percent	42%, 24%, 60%
CMY	0.5804, 0.7569, 0.3961
CMYK	0.31, 0.60, 0.00, 0.40
HSL	269°, 43%, 42%
HSV	269°, 60%, 60%
XYZ	13.6188, 8.9041, 31.5727
YIQ	85.9430, -2.7120, 38.1520

Conversions

Conversions Part 2

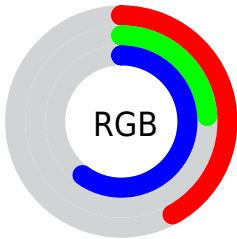
Format	Color
R_{YB}	107, 62, 154
Decimal	7028378
CIE _{Lab}	35.80, 38.37, -43.07
CIE _{LCh}	36, 57.680, 311.696
Yxy	8.9041, 0.2518, 0.1646
Android (android.graphics.Color)	4285218458 (0xFF6B3E9A)
YUV	85.9430, 33.5521, 18.4670
Hunter-Lab	29.8398, 29.2470, -41.8454

Details

The Decimal color **7028378** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7182910**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **10580177**, and **3607910** is the 20% darker color. If you saturate the color by 10%, you get **6500250**, and if you desaturate by 10%, it is **7556506**.

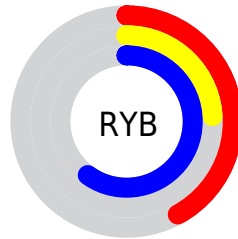
Distribution



Red (42%)

Green (24%)

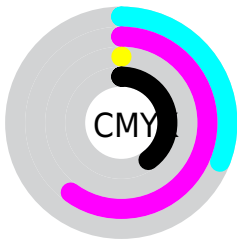
Blue (60%)



Red (42%)

Yellow (24%)

Blue (60%)

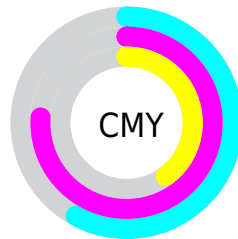


Cyan (31%)

Magenta (60%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (76%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7028378 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 7028378 by changing the saturation by 10% instead.

7028378

7028378

16777215

5318272

10580177

3607910

12421870

1835085

14329087

54

16236799

544

16768255

3

16775679

0

7028378

7028378

6500250

7556506

■ 5971866

■ 8084890

■ 5443738

■ 8613018

■ 4980890

■ 9075866

■ 4915354

■ 9603994

■ 10132122

■ 10660506

■ 11188634

■ 11717018

Harmonies

Analogous

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



21680



7028378



9904754

Triad

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



7028378



8275712



26726

Complementary

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



7028378



7182910

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.



26165



7028378



5724160

Square

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



7028378



10039064



1925632



26513

Rectangle

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



7028378



10687828



1925632



26710

Sweetspot

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



7028378



12035529



4091546



5984358



15132390



6710886

Same Dimension

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



7028378



8337609



9977498



4801869



4522124



393229

Inverse Universe

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



10108525



13187203



4233790



5064009



9175112



851975

Previews

White Background



This preview shows how the Decimal color 7028378 looks on a white background.

Color Contrast Check

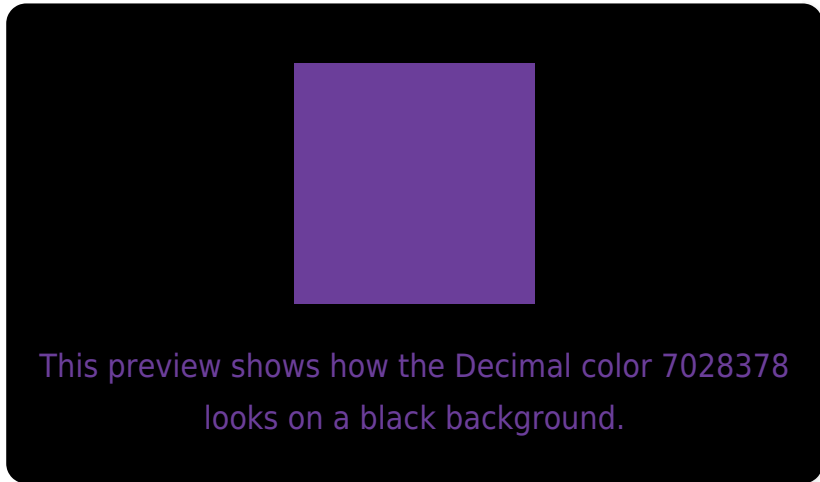
Large Text (above 18pt) WCAG AA ✓ Pass

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 7028378 Background



This preview shows how black text looks on a background with the Decimal color 7028378.

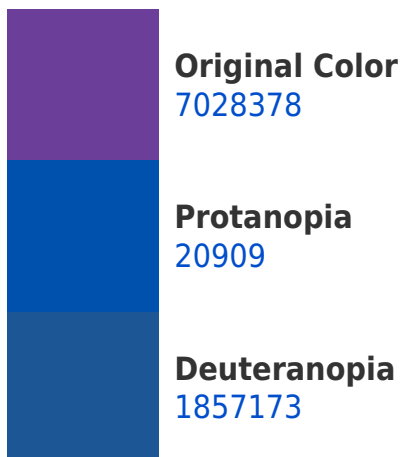


This preview shows how white text looks on a background with the Decimal color 7028378.

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
6181207

Trichromacy



Original Color
7028378



Protanomaly
2575014



Deuteranomaly
3755415



Tritanomaly
6507119

Monochromacy



Original Color
7028378



Achromatopsia
5658198



Achromatomaly
6180207

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7028378 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 #6B3E9A looks like.

```
.text, #text, p{  
    color:#6B3E9A  
}
```

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 #6B3E9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B3E9A
}
```

Border

The CSS property to change the border of an element to Decimal 7028378 is called "border". The border property can be set on classes, ids or directly on the HTML element.

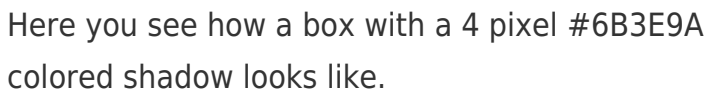
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B3E9A }
```

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

```
.border{ border-color:#6B3E9A }
```

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



Here you see how a box with a 4 pixel #6B3E9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B3E9A; -webkit-box-shadow:4px 4px  
4px 4px #6B3E9A; box-shadow:4px 4px 4px  
4px #6B3E9A }
```

Background

The CSS property to change the background color of an element to Decimal 7028378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B3E9A }
```

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

```
.background{ background-color:#6B3E9A }
```

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](#).

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