

Converting Colors

Decimal(7357829)

Have a look what the booklet for
Decimal(7357829) contains.

Decimal(7357829)	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(7357829)

Conversions

Conversions Part 1

Format	Color
Hex	704585
RGB	112, 69, 133
RGB Percent	44%, 27%, 52%
CMY	0.5608, 0.7294, 0.4784
CMYK	0.16, 0.48, 0.00, 0.48
HSL	280°, 32%, 40%
HSV	280°, 48%, 52%
XYZ	13.0439, 9.3944, 23.3161
YIQ	89.1530, 5.0840, 29.0200

Conversions

Conversions Part 2

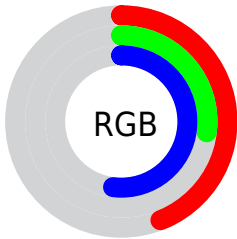
Format	Color
R_{YB}	112, 69, 133
Decimal	7357829
CIE _{Lab}	36.73, 30.61, -28.74
CIE _{LCh}	37, 41.983, 316.807
Yxy	9.3944, 0.2851, 0.2053
Android (android.graphics.Color)	4285547909 (0xFF704585)
YUV	89.1530, 21.6166, 20.0368
Hunter-Lab	30.6504, 22.3260, -23.6474

Details

The Decimal color **7357829** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5932357**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **10844090**, and **4069203** is the 20% darker color. If you saturate the color by 10%, you get **7092357**, and if you desaturate by 10%, it is **7623301**.

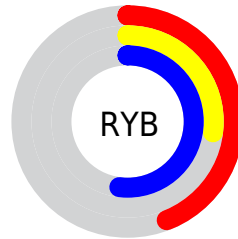
Distribution



Red (44%)

Green (27%)

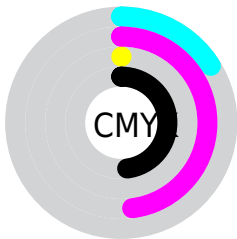
Blue (52%)



Red (44%)

Yellow (27%)

Blue (52%)

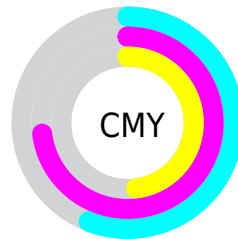


Cyan (16%)

Magenta (48%)

Yellow (0%)

Black (48%)



Cyan (56%)

Magenta (73%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7357829 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 7357829 by changing the saturation by 10% instead.



7357829



7357829

16777215



5713516



10844090



4069203



12685782



2490428



14527475



917542



16435199



270



16770047



0



7357829



7357829



7092357



7623301



6761093



7954565

6495621

8220037

6230149

8485509

5898885

8816517

5832837

9082245

9413253

9678725

9944453

Harmonies

Analogous

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



3757207



7357829



9189479

Triad

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



7357829



7622414



26217

Complementary

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



7357829



5932357

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.



26182



7357829



5659404

Square

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



7357829



9060902



2974245



25735

Rectangle

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



7357829



9647696



2974245



26205

Sweetspot

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



7357829



10851757



4545157



5392471



14079702



5723991

Same Dimension

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



7357829



9193901



8734074



4209730



5701762



131075

Inverse Universe

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



8734042



11356522



4556112



4340798



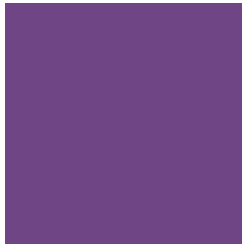
8519723



196609

Previews

White Background



This preview shows how the Decimal color 7357829 looks on a white background.

Color Contrast Check

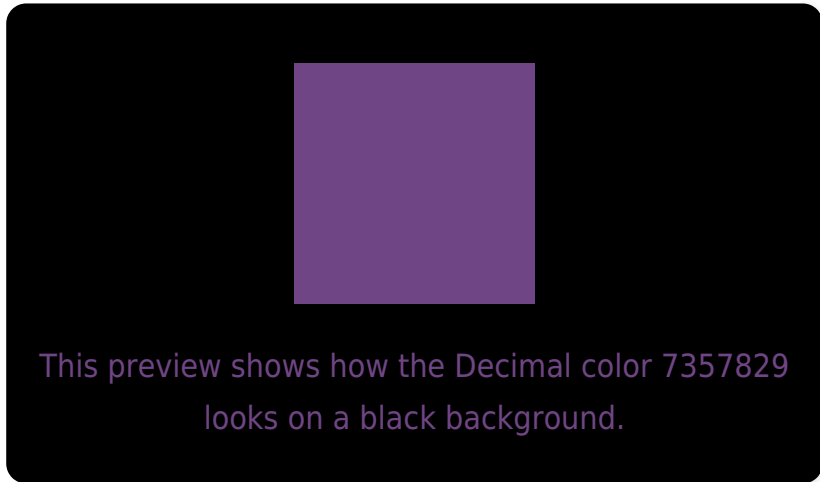
Large Text (above 18pt) WCAG AA ✓ Pass

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

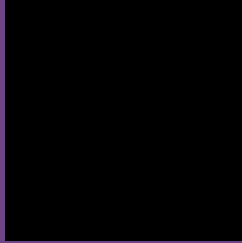
Any Text WCAG AA × Fail

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 7357829 Background



This preview shows how black text looks on a background with the Decimal color 7357829.

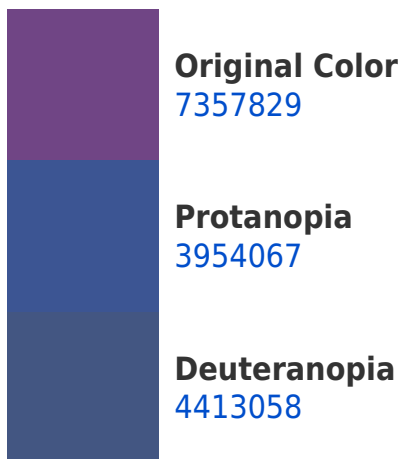


This preview shows how white text looks on a background with the Decimal color 7357829.

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
6901846

Trichromacy



Original Color
7357829

Protanomaly
5197710

Deuteranomaly
5460099

Tritanomaly
7097447

Monochromacy



Original Color
7357829

Achromatopsia
5855577

Achromatomaly
6378089

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7357829 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 #704585 looks like.

```
.text, #text, p{  
    color:#704585  
}
```

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 #704585 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #704585
}
```

Border

The CSS property to change the border of an element to Decimal 7357829 is called "border". The border property can be set on classes, ids or directly on the HTML element.

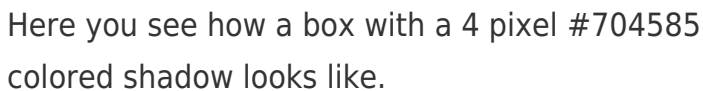
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#704585 }
```

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

```
.border{ border-color:#704585 }
```

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



Here you see how a box with a 4 pixel #704585 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #704585; -webkit-box-shadow:4px 4px  
4px 4px #704585; box-shadow:4px 4px 4px  
4px #704585 }
```

Background

The CSS property to change the background color of an element to Decimal 7357829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#704585 }
```

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

```
.background{ background-color:#704585 }
```

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