

Converting Colors

Decimal(7885225)

Have a look what the booklet for
Decimal(7885225) contains.

Decimal(7885225)	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(7885225)

Conversions

Conversions Part 1

Format	Color
Hex	7851A9
RGB	120, 81, 169
RGB Percent	47%, 32%, 66%
CMY	0.5294, 0.6824, 0.3373
CMYK	0.29, 0.52, 0.00, 0.34
HSL	267°, 35%, 49%
HSV	267°, 52%, 66%
XYZ	17.8496, 12.7425, 39.0549
YIQ	102.6930, -5.0040, 35.6360

Conversions

Conversions Part 2

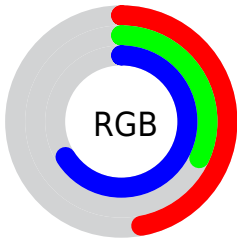
Format	Color
R_{YB}	120, 81, 169
Decimal	7885225
CIE _{Lab}	42.37, 34.72, -41.46
CIE _{LCh}	42, 54.080, 309.947
Yxy	12.7425, 0.2563, 0.1830
Android (android.graphics.Color)	4286075305 (0xFF7851A9)
YUV	102.6930, 32.6894, 15.1782
Hunter-Lab	35.6966, 26.7872, -39.8802

Details

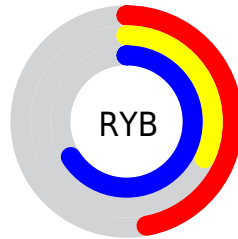
The Decimal color **7885225** is a dark color, and the websafe version is hex **9966CC**, and the color name is **royal purple**. A complement of this color would be **8563025**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **11502561**, and **4465268** is the 20% darker color. If you saturate the color by 10%, you get **7291049**, and if you desaturate by 10%, it is **8479401**.

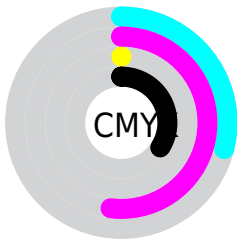
Distribution



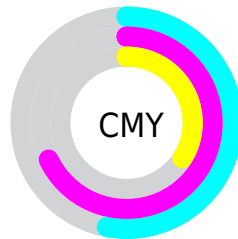
- Red (47%)
- Green (32%)
- Blue (66%)



- Red (47%)
- Yellow (32%)
- Blue (66%)



- Cyan (29%)
- Magenta (52%)
- Yellow (0%)
- Black (34%)



- Cyan (53%)
- Magenta (68%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7885225 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 7885225 by changing the saturation by 10% instead.



7885225



7885225

16777215



6175118



11502561



4465268



13344510



2755163



15251967



1179715



16766463



556



16773887



278



0



7885225



7885225



7291049



8479401

6631337

9139113

6037161

9733289

5377449

10393001

4915369

10986921

11581097

12240809

12834985

13494697

Harmonies

Analogous

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



25789



7885225



10763396

Triad

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



7885225



9524993



30834

Complementary

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



7885225



8563025

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.



30276



7885225



7038720

Square

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



7885225



11223597



3764502



30620

Rectangle

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



7885225



11613286



3764502



30819

Sweetspot

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



7885225



13154523



5342121



6445422



15592941



7237230

Same Dimension

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



7885225



9458651



10703273



5196884



4325524



589844

Inverse Universe

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



11096450



14373791



5744977



5524560



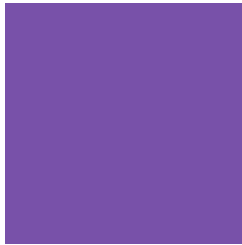
9699410



1310731

Previews

White Background



This preview shows how the Decimal color 7885225 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 × Fail

Black Background



This preview shows how the Decimal color 7885225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

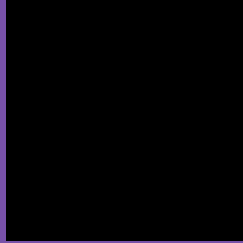
Any Text WCAG AA × Fail

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 7885225 Background



This preview shows how black text looks on a background with the Decimal color 7885225.



This preview shows how white text looks on a background with the Decimal color 7885225.

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
7102825

Trichromacy



Original Color
7885225

Protanomaly
5200819

Deuteranomaly
5332646

Tritanomaly
7363456

Monochromacy



Original Color
7885225

Achromatopsia
6776679

Achromatomaly
7167871

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7885225 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 #7851A9 looks like.

```
.text, #text, p{  
    color:#7851A9  
}
```

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 #7851A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7851A9
}
```

Border

The CSS property to change the border of an element to Decimal 7885225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

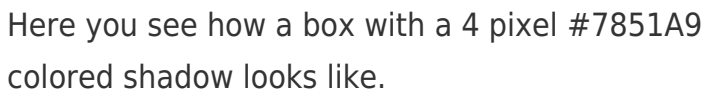
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7851A9 }
```

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

```
.border{ border-color:#7851A9 }
```

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



Here you see how a box with a 4 pixel #7851A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7851A9; -webkit-box-shadow:4px 4px  
4px 4px #7851A9; box-shadow:4px 4px 4px  
4px #7851A9 }
```

Background

The CSS property to change the background color of an element to Decimal 785225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7851A9 }
```

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

```
.background{ background-color:#7851A9 }
```

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