

Converting Colors

Decimal(7894711)

Have a look what the booklet for
Decimal(7894711) contains.

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Color

Decimal(7894711)

Conversions

Conversions Part 1

Format	Color
Hex	7876B7
RGB	120, 118, 183
RGB Percent	47%, 46%, 72%
CMY	0.5294, 0.5373, 0.2824
CMYK	0.34, 0.36, 0.00, 0.28
HSL	242°, 31%, 59%
HSV	242°, 36%, 72%
XYZ	22.7714, 20.3688, 47.5311
YIQ	126.0080, -19.6730, 20.6390

Conversions

Conversions Part 2

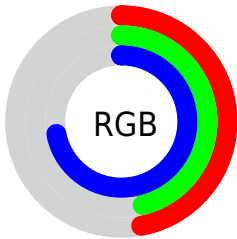
Format	Color
R_{YB}	120, 118, 183
Decimal	7894711
CIE _{Lab}	52.25, 16.35, -34.04
CIE _{LCh}	52, 37.767, 295.659
Yxy	20.3688, 0.2511, 0.2246
Android (android.graphics.Color)	4286084791 (0xFF7876B7)
YUV	126.0080, 28.0971, -5.2690
Hunter-Lab	45.1318, 11.0820, -30.8497

Details

The Decimal color **7894711** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11908982**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **11447023**, and **4474498** is the 20% darker color. If you saturate the color by 10%, you get **6710455**, and if you desaturate by 10%, it is **9078967**.

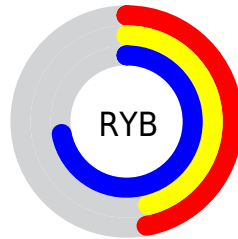
Distribution



Red (47%)

Green (46%)

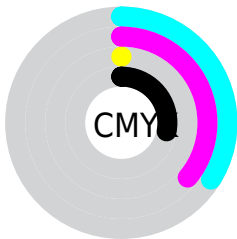
Blue (72%)



Red (47%)

Yellow (46%)

Blue (72%)

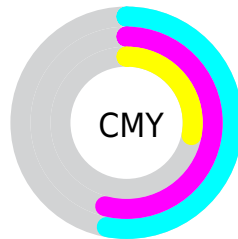


Cyan (34%)

Magenta (36%)

Yellow (0%)

Black (28%)



Cyan (53%)

Magenta (54%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7894711 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 7894711 by changing the saturation by 10% instead.



7894711



7894711

16777215



6184348



11447023



4474498



13288959



2830440



15196671



924496

16776959



57



546



8



0



7894711



7894711

6710455

9078967

5591479

10197943

4407223

11382199

3222967

12566455

2038455

13750967

919735

14869687

393399

16053943

16777143

Harmonies

Analogous

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



3834301



7894711



10513058

Triad

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



7894711



11365704



36215

Complementary

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



7894711



11908982

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.



5081687



7894711



9730363

Square

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



7894711



12149858



7635776



36248

Rectangle

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



7894711



11625614



7635776



2722924

Sweetspot

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



7894711



13947885



7780023



6908024



16250871



7895160

Same Dimension

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



7894711



9078765



9991863



5460828



327836



65564

Inverse Universe

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



12023477



15566826



9811830



6050652



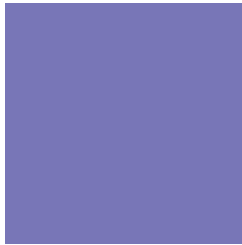
10223767



1835035

Previews

White Background



This preview shows how the Decimal color 7894711 looks on a white background.

Color Contrast Check

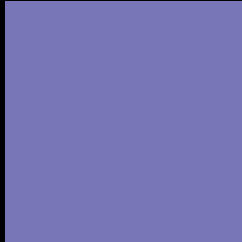
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 7894711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

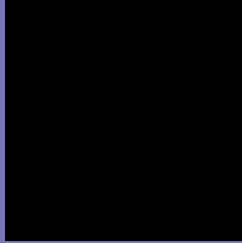
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 7894711 Background



This preview shows how black text looks on a background with the Decimal color 7894711.



This preview shows how white text looks on a background with the Decimal color 7894711.

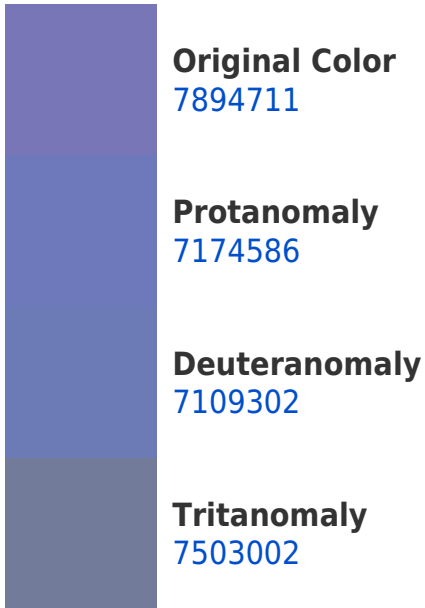
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7894711 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 #7876B7 looks like.

```
.text, #text, p{  
    color:#7876B7  
}
```

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 #7876B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7876B7
}
```

Border

The CSS property to change the border of an element to Decimal 7894711 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".

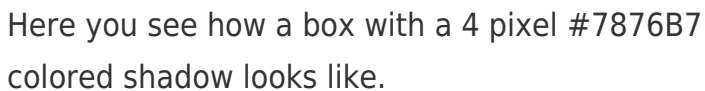
```
.border, #border, table{ border:4px solid
#7876B7 }
```

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

```
.border{ border-color:#7876B7 }
```

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

Here you see how a box with a 4 pixel #7876B7 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7876B7; -webkit-box-shadow:4px 4px  
4px 4px #7876B7; box-shadow:4px 4px 4px  
4px #7876B7 }
```

Background

The CSS property to change the background color of an element to Decimal 7894711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7876B7 }
```

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

```
.background{ background-color:#7876B7 }
```

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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