

# Converting Colors

Decimal(7820994)

Have a look what the booklet for  
Decimal(7820994) contains.

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# Color

**Decimal(7820994)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7756C2
RGB	119, 86, 194
RGB Percent	47%, 34%, 76%
CMY	0.5333, 0.6627, 0.2392
CMYK	0.39, 0.56, 0.00, 0.24
HSL	258°, 47%, 55%
HSV	258°, 56%, 76%
XYZ	20.6731, 14.4726, 52.7428
YIQ	108.1790, -15.0000, 40.5840

# Conversions

## Conversions Part 2

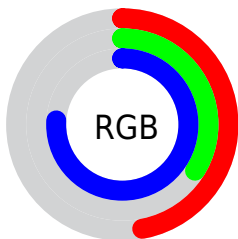
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 86, 194
Decimal	7820994
CIE <sub>Lab</sub>	44.90, 38.18, -52.07
CIE <sub>LCh</sub>	45, 64.565, 306.253
Yxy	14.4726, 0.2352, 0.1647
Android (android.graphics.Color)	4286011074 (0xFF7756C2)
YUV	108.1790, 42.3098, 9.4900
Hunter-Lab	38.0428, 30.4251, -55.5701

# Details

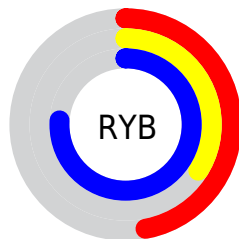
The Decimal color **7820994** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **10601046**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **11504123**, and **4204428** is the 20% darker color. If you saturate the color by 10%, you get **6964162**, and if you desaturate by 10%, it is **8677826**.

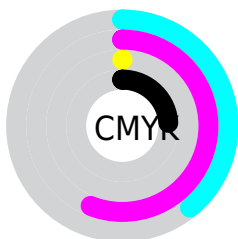
# Distribution



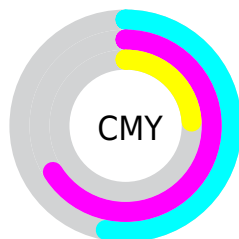
- Red (47%)
- Green (34%)
- Blue (76%)



- Red (47%)
- Yellow (34%)
- Blue (76%)



- Cyan (39%)
- Magenta (56%)
- Yellow (0%)
- Black (24%)



- Cyan (53%)
- Magenta (66%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7820994 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 7820994 by changing the saturation by 10% instead.



■ 7820994

■ 7820994

16777215

■ 5979814

■ 11504123

■ 4204428

■ 13411327

■ 2232433

■ 15319039

■ 88

■ 16767999

■ 64

■ 16775423

■ 809

■ 275

■ 0

■ 7820994

■ 7820994

6964162

8677826

6041538

9600450

5184706

10457282

4262082

11379906

3866818

12236738

13159106

14016194

14938562

15794114

# Harmonies

## Analogous

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



28374



7820994



11679895

# Triad

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



7820994



10639104



33396

# Complementary

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



7820994



10601046

# 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.



32572



7820994



7826432

# Square

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



7820994



12598061



3962880



33193

# Rectangle

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



7820994



12855411



3962880



33122



# Sweetspot

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



7820994



14668540



5677762



7235200



0



8421504



# Same Dimension

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



7820994



8868860



11294402



5920609



3211425



655393



# Inverse Universe

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



12736161



16536521



7127638



6379358



10551408

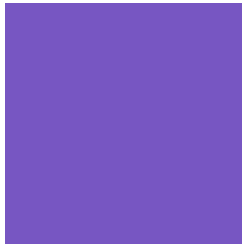


2162711



# Previews

## White Background



This preview shows how the Decimal color 7820994 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 7820994 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 7820994 Background



This preview shows how black text looks on a background with the Decimal color 7820994.

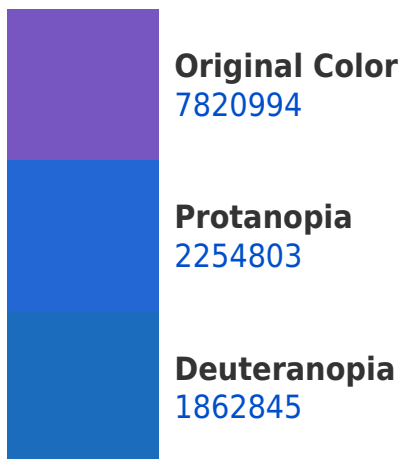



This preview shows how white text looks on a background with the Decimal color 7820994.

# 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](#).

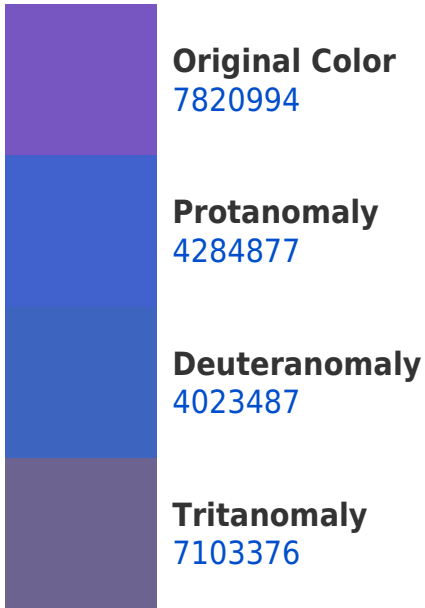
## Dichromacy





**Tritanopia**  
6646643

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7820994 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 #7756C2 looks like.

```
.text, #text, p{  
    color:#7756C2  
}
```

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 #7756C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7756C2
}
```

## Border

The CSS property to change the border of an element to Decimal 7820994 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
#7756C2 }
```

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

```
.border{ border-color:#7756C2 }
```

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

Here you see how a box with a 4 pixel #7756C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7756C2; -webkit-box-shadow:4px 4px  
4px 4px #7756C2; box-shadow:4px 4px 4px  
4px #7756C2 }
```

# Background

The CSS property to change the background color of an element to Decimal 7820994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7756C2 }
```

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

```
.background{ background-color:#7756C2 }
```

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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