

# Converting Colors

Decimal(7825114)

Have a look what the booklet for  
Decimal(7825114) contains.

<b>Decimal(7825114)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(7825114)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7766DA
RGB	119, 102, 218
RGB Percent	47%, 40%, 85%
CMY	0.5333, 0.6000, 0.1451
CMYK	0.45, 0.53, 0.00, 0.15
HSL	249°, 61%, 63%
HSV	249°, 53%, 85%
XYZ	25.0140, 18.4866, 68.5796
YIQ	120.3070, -27.1040, 39.6800

# Conversions

## Conversions Part 2

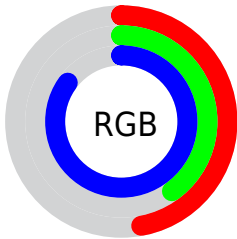
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 102, 218
Decimal	7825114
CIE <sub>Lab</sub>	50.08, 35.59, -57.51
CIE <sub>LCh</sub>	50, 67.626, 301.751
Yxy	18.4866, 0.2232, 0.1649
Android (android.graphics.Color)	4286015194 (0xFF7766DA)
YUV	120.3070, 48.1626, -1.1462
Hunter-Lab	42.9961, 28.6035, -64.4714

# Details

The Decimal color **7825114** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **13228646**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **11573759**, and **3946146** is the 20% darker color. If you saturate the color by 10%, you get **6574298**, and if you desaturate by 10%, it is **9075930**.

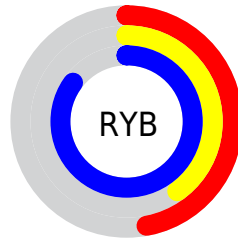
# Distribution



Red (47%)

Green (40%)

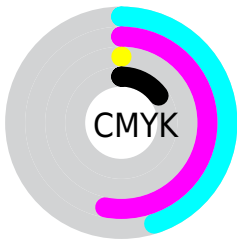
Blue (85%)



Red (47%)

Yellow (40%)

Blue (85%)

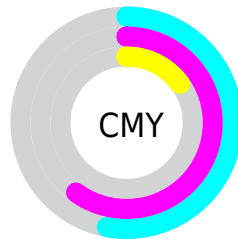


Cyan (45%)

Magenta (53%)

Yellow (0%)

Black (15%)



Cyan (53%)

Magenta (60%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7825114 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 7825114 by changing the saturation by 10% instead.



■ 7825114

■ 7825114

16777215

■ 5918398

■ 11573759

■ 3946146

■ 13481215

■ 1581191

■ 15454463

■ 3181

■ 16772351

■ 84

■ 1596

■ 549

■ 270

■ 0

■ 7825114

■ 7825114

■ 6574298

■ 9075930

■ 5389018

■ 10261210

■ 4138458

■ 11511770

■ 2953178

■ 12697050

■ 2097370

■ 13947866

■ 15198682

■ 16383962

■ 16777178

# Harmonies

## Analogous

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



32235



7825114



12404655

# Triad

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



7825114



12214016



36985

# Complementary

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



7825114



13228646

# 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.



36157



7825114



9270784

# Square

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



7825114



14041662



5408000



37043

# Rectangle

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



7825114



13907594



5408000



36965



# Sweetspot

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



7825114



14472959



6736858



7038848



0



8421504



# Same Dimension

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



7825114



7625983



11495130



6579054



1638573



458798



# Inverse Universe

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



14313161



16735463



9558630



7234412



11337876

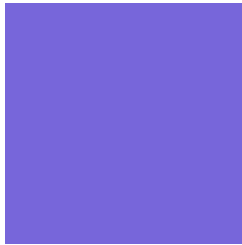


3014695



# Previews

## White Background



This preview shows how the Decimal color 7825114 looks on a white background.

## Color Contrast Check

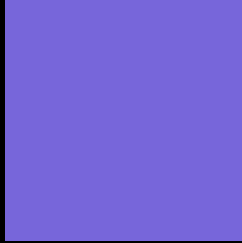
Large Text (above 18pt) WCAG AA ✓ Pass

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 7825114 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

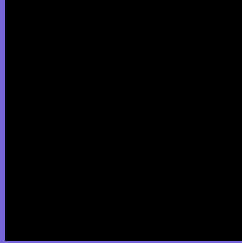
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 7825114 Background



This preview shows how black text looks on a background with the Decimal color 7825114.



This preview shows how white text looks on a background with the Decimal color 7825114.

# 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**  
6323077

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7825114 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 #7766DA looks like.

```
.text, #text, p{  
  color:#7766DA  
}
```

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 #7766DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7766DA
}
```

## Border

The CSS property to change the border of an element to Decimal 7825114 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
#7766DA }
```

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

```
.border{ border-color:#7766DA }
```

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

Here you see how a box with a 4 pixel #7766DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7766DA; -webkit-box-shadow:4px 4px  
4px 4px #7766DA; box-shadow:4px 4px 4px  
4px #7766DA }
```

# Background

The CSS property to change the background color of an element to Decimal 7825114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7766DA }
```

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

```
.background{ background-color:#7766DA }
```

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