

# Converting Colors

Decimal(7699330)

Have a look what the booklet for  
Decimal(7699330) contains.

<b>Decimal(7699330)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(7699330)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	757B82
RGB	117, 123, 130
RGB Percent	46%, 48%, 51%
CMY	0.5412, 0.5176, 0.4902
CMYK	0.10, 0.05, 0.00, 0.49
HSL	212°, 5%, 48%
HSV	212°, 10%, 51%
XYZ	18.4483, 19.5595, 23.9221
YIQ	122.0040, -5.8230, 0.9050

# Conversions

## Conversions Part 2

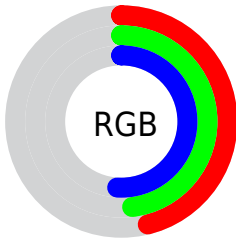
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 121, 130
Decimal	7699330
CIE Lab	51.34, -0.74, -4.59
CIE LCh	51, 4.646, 260.798
Yxy	19.5595, 0.2979, 0.3158
Android (android.graphics.Color)	4285889410 (0xFF757B82)
YUV	122.0040, 3.9420, -4.3885
Hunter-Lab	44.2262, -2.9369, -1.1119

# Details

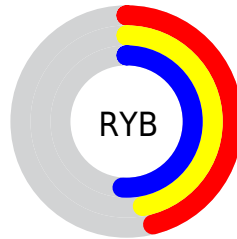
The Decimal color **7699330** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8551541**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **11120567**, and **4541009** is the 20% darker color. If you saturate the color by 10%, you get **6845570**, and if you desaturate by 10%, it is **8553090**.

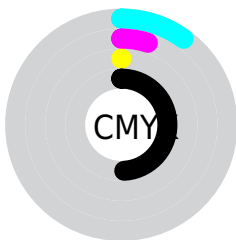
# Distribution



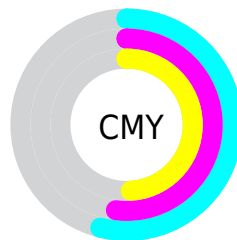
- Red (46%)
- Green (48%)
- Blue (51%)



- Red (46%)
- Yellow (47%)
- Blue (51%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (49%)



- Cyan (54%)
- Magenta (52%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7699330 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 7699330 by changing the saturation by 10% instead.



■ 7699330

■ 7699330

16777215

■ 6054505

■ 11120567

■ 4541009

■ 12897234

■ 3028026

■ 14739439

■ 1711908

16646143

■ 1551

■ 0

■ 7699330

■ 7699330

■ 6845570

■ 8553090

■ 5991810

■ 9406850

■ 5138050

■ 10260610

■ 4284290

■ 11114370

■ 3430530

■ 11968130

■ 2576770

■ 12821890

■ 1723010

■ 13675650

■ 869250

■ 14529410

■ 15490

■ 15383170

# Harmonies

## Analogous

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



7502976



7699330



8026754

# Triad

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



7699330



8616056



7765109

# Complementary

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



7699330



8551541

# 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.



8092531



7699330



8550516

# Square

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



7699330



8550524



8354419



7503225

# Rectangle

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



7699330



8223104



8354419



7896180



# Sweetspot

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



7699330



10725032



7701116



5329492



13948116



5526612



# Same Dimension

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



7699330



9739688



7697794



3750976



15232



0



# Inverse Universe

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



8549755



11048093



8553077



4208956



8388667



0



# Previews

## White Background



This preview shows how the Decimal color 7699330 looks on a white background.

## Color Contrast Check

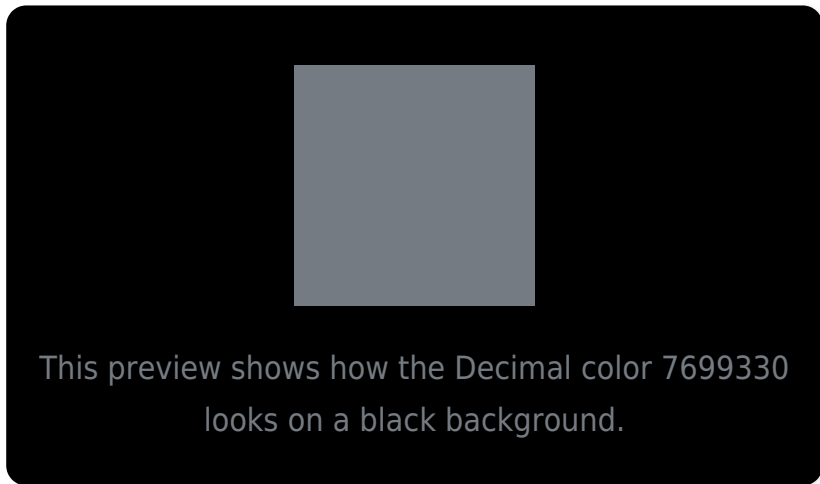
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

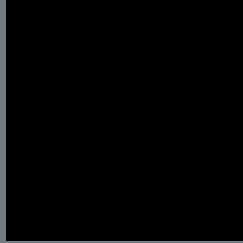
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

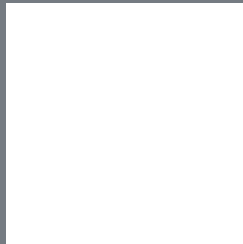
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7699330 Background



This preview shows how black text looks on a background with the Decimal color 7699330.



This preview shows how white text looks on a background with the Decimal color 7699330.

# 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



**Original Color**


7699330

**Protanopia**

8026497

**Deuteranopia**

8550275



**Tritanopia**  
7699332

# Trichromacy



**Original Color**

7699330

**Protanomaly**

7895681

**Deuteranomaly**

8222851

**Tritanomaly**

7699331

# Monochromacy



**Original Color**

7699330

**Achromatopsia**

8026746

**Achromatomaly**

7895677

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7699330 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 #757B82 looks like.

```
.text, #text, p{  
    color:#757B82  
}
```

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 #757B82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757B82
}
```

## Border

The CSS property to change the border of an element to Decimal 7699330 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
#757B82 }
```

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

```
.border{ border-color:#757B82 }
```

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

Here you see how a box with a 4 pixel #757B82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757B82; -webkit-box-shadow:4px 4px  
4px 4px #757B82; box-shadow:4px 4px 4px  
4px #757B82 }
```

# Background

The CSS property to change the background color of an element to Decimal 7699330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757B82 }
```

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

```
.background{ background-color:#757B82 }
```

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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