

# Converting Colors

Decimal(7704984)

Have a look what the booklet for  
Decimal(7704984) contains.

<b>Decimal(7704984)</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(7704984)**

# Conversions

## Conversions Part 1

Format	Color
Hex	759198
RGB	117, 145, 152
RGB Percent	46%, 57%, 60%
CMY	0.5412, 0.4314, 0.4039
CMYK	0.23, 0.05, 0.00, 0.40
HSL	192°, 15%, 53%
HSV	192°, 23%, 60%
XYZ	23.1290, 26.2997, 33.5631
YIQ	137.4260, -18.9350, -3.7590

# Conversions

## Conversions Part 2

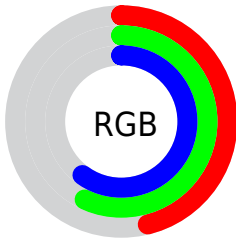
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 133, 152
Decimal	7704984
CIELab	58.32, -8.19, -6.96
CIElCh	58, 10.749, 220.383
Yxy	26.2997, 0.2787, 0.3169
Android (android.graphics.Color)	4285895064 (0xFF759198)
YUV	137.4260, 7.1850, -17.9136
Hunter-Lab	51.2832, -9.2412, -2.9050

# Details

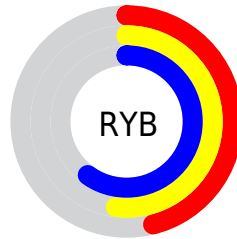
The Decimal color **7704984** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9993333**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **11192270**, and **4480869** is the 20% darker color. If you saturate the color by 10%, you get **6721176**, and if you desaturate by 10%, it is **8688792**.

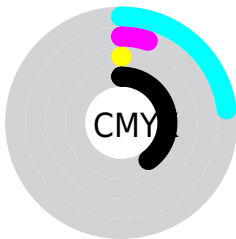
# Distribution



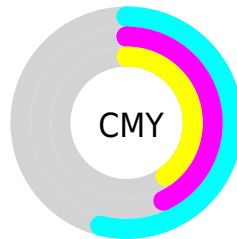
- Red (46%)
- Green (57%)
- Blue (60%)



- Red (46%)
- Yellow (52%)
- Blue (60%)



- Cyan (23%)
- Magenta (5%)
- Yellow (0%)
- Black (40%)



- Cyan (54%)
- Magenta (43%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7704984 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 7704984 by changing the saturation by 10% instead.





7704984



7704984

16777215



6059902



11192270



4480869



12968938



2901837



14811135



1454134

16711679



7201



10



0



7704984



7704984



6721176



8688792

■ 5737368

■ 9672600

■ 4688024

■ 10721944

■ 3704216

■ 11705752

■ 2720408

■ 12689560

■ 1736600

■ 13673368

■ 752792

■ 14657176

■ 31384

■ 15706520

■ 16690328

# Harmonies

## Analogous

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



7705231



7704984



8097694

# Triad

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



7704984



10192787



9473402

# Complementary

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



7704984



9993333

# 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.



10127739



7704984



10520201

# Square

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



7704984



9603483



10454912



8818558

# Rectangle

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



7704984



8555935



10454912



9735290



# Sweetspot

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



7704984



12042948



7706748



5988963



14935011



6513507



# Same Dimension

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



7704984



9288132



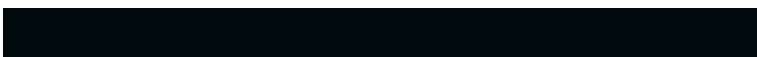
7700632



4541261



28812



2573



# Inverse Universe

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



9991569



12881337



9997941



5064011



9175152



851978



# Previews

## White Background



This preview shows how the Decimal color 7704984 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 7704984 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

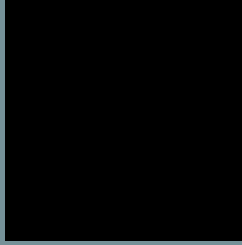
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

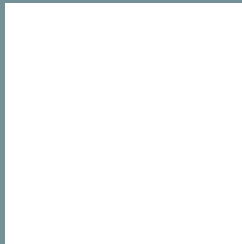
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7704984 Background



This preview shows how black text looks on a background with the Decimal color 7704984.

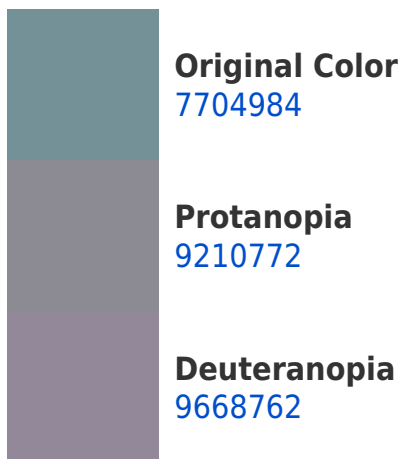


This preview shows how white text looks on a background with the Decimal color 7704984.

# Color Blindness Simulation

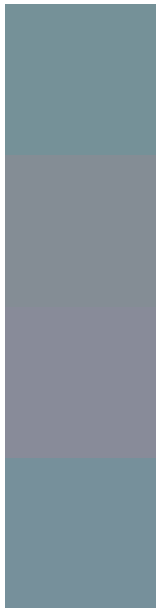
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**

7704984

**Protanomaly**

8686997

**Deuteranomaly**

8948633

**Tritanomaly**

7770267

# Monochromacy



**Original Color**

7704984

**Achromatopsia**

9013641

**Achromatomaly**

8555662

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7704984 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 #759198 looks like.

```
.text, #text, p{  
    color:#759198  
}
```

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 #759198 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #759198
}
```

## Border

The CSS property to change the border of an element to Decimal 7704984 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
#759198 }
```

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

```
.border{ border-color:#759198 }
```

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

Here you see how a box with a 4 pixel #759198 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #759198; -webkit-box-shadow:4px 4px  
4px 4px #759198; box-shadow:4px 4px 4px  
4px #759198 }
```

# Background

The CSS property to change the background color of an element to Decimal 7704984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#759198 }
```

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

```
.background{ background-color:#759198 }
```

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