

# Converting Colors

Decimal(7638683)

Have a look what the booklet for  
Decimal(7638683) contains.

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# Color

**Decimal(7638683)**

# Conversions

## Conversions Part 1

Format	Color
Hex	748E9B
RGB	116, 142, 155
RGB Percent	45%, 56%, 61%
CMY	0.5451, 0.4431, 0.3922
CMYK	0.25, 0.08, 0.00, 0.39
HSL	200°, 16%, 53%
HSV	200°, 25%, 61%
XYZ	22.7919, 25.4256, 34.7167
YIQ	135.7080, -19.6690, -1.4690

# Conversions

## Conversions Part 2

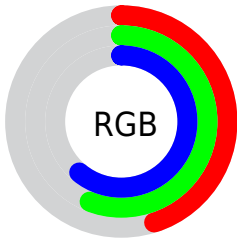
<b>Format</b>	<b>Color</b>
<b>RYB</b>	116, 132, 155
Decimal	7638683
CIELab	57.49, -6.12, -9.93
CIELCh	57, 11.666, 238.344
Yxy	25.4256, 0.2748, 0.3066
Android (android.graphics.Color)	4285828763 (0xFF748E9B)
YUV	135.7080, 9.5110, -17.2839
Hunter-Lab	50.4238, -7.5585, -5.5245

# Details

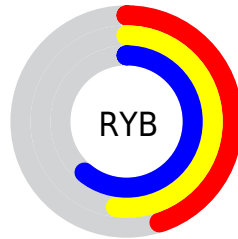
The Decimal color **7638683** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10191220**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **11125969**, and **4414568** is the 20% darker color. If you saturate the color by 10%, you get **6654363**, and if you desaturate by 10%, it is **8688539**.

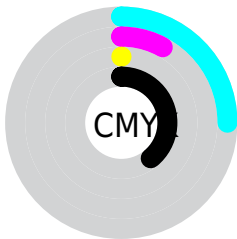
# Distribution



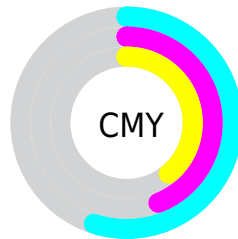
- Red (45%)
- Green (56%)
- Blue (61%)



- Red (45%)
- Yellow (52%)
- Blue (61%)



- Cyan (25%)
- Magenta (8%)
- Yellow (0%)
- Black (39%)



- Cyan (55%)
- Magenta (44%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7638683 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 7638683 by changing the saturation by 10% instead.



■ 7638683

■ 7638683

16777215

■ 5993601

■ 11125969

■ 4414568

■ 12902638

■ 2835536

■ 14744831

■ 1322553

16646143

■ 6691

■ 269

■ 0

■ 7638683

■ 7638683

■ 6654363

■ 8688539

■ 5604507

■ 9672859

■ 4620187

■ 10722715

■ 3570075

■ 11707291

■ 2585755

■ 12757147

■ 1535899

■ 13741467

■ 551579

■ 14791323

■ 26523

■ 15775643

■ 16759963

# Harmonies

## Analogous

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



7377043



7638683



8293278

# Triad

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



7638683



10388363



8948856

# Complementary

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



7638683



10191220

# 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.



9668982



7638683



10519681

# Square

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



7638683



9930133



10258041



8163199

# Rectangle

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



7638683



8882589



10258041



9210743



# Sweetspot

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



7638683



12174537



7641985



6054758



15132390



6710886



# Same Dimension

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



7638683



9287113



7633819



4541005



24204



2317



# Inverse Universe

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



10187918



13209013



10196340



5064010



9175133



851976



# Previews

## White Background



This preview shows how the Decimal color 7638683 looks on a white background.

## Color Contrast Check

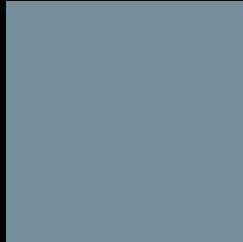
Large Text (above 18pt) WCAG AA ✓ Pass

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 7638683 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

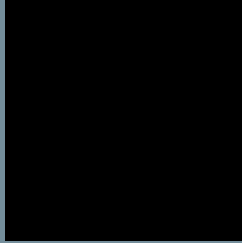
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

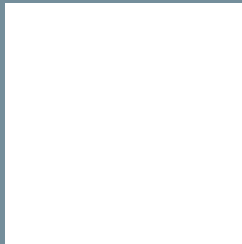
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7638683 Background



This preview shows how black text looks on a background with the Decimal color 7638683.

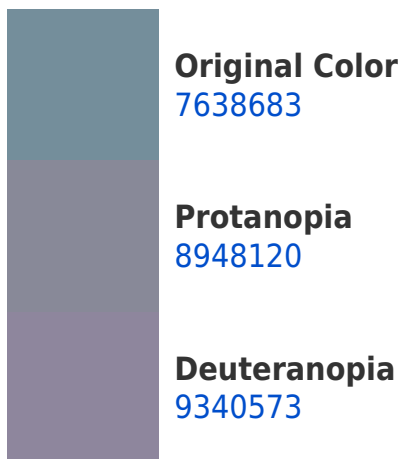


This preview shows how white text looks on a background with the Decimal color 7638683.

# Color Blindness Simulation

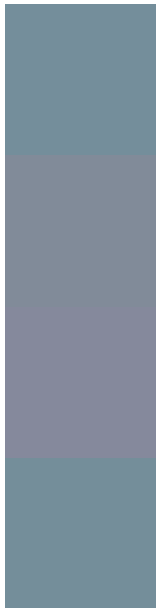
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
7638683

**Protanomaly**  
8489881

**Deuteranomaly**  
8751516

**Tritanomaly**  
7638682

# Monochromacy



**Original Color**  
7638683

**Achromatopsia**  
8947848

**Achromatomaly**  
8489615

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7638683 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 #748E9B looks like.

```
.text, #text, p{  
    color:#748E9B  
}
```

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 #748E9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748E9B
}
```

## Border

The CSS property to change the border of an element to Decimal 7638683 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
#748E9B }
```

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

```
.border{ border-color:#748E9B }
```

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

Here you see how a box with a 4 pixel #748E9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748E9B; -webkit-box-shadow:4px 4px  
4px 4px #748E9B; box-shadow:4px 4px 4px  
4px #748E9B }
```

# Background

The CSS property to change the background color of an element to Decimal 7638683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748E9B }
```

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

```
.background{ background-color:#748E9B }
```

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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