

# Converting Colors

Decimal(7640188)

Have a look what the booklet for  
Decimal(7640188) contains.

<b>Decimal(7640188)</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(7640188)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74947C
RGB	116, 148, 124
RGB Percent	45%, 58%, 49%
CMY	0.5451, 0.4196, 0.5137
CMYK	0.22, 0.00, 0.16, 0.42
HSL	135°, 13%, 52%
HSV	135°, 22%, 58%
XYZ	21.4305, 26.3480, 23.0250
YIQ	135.6960, -11.3680, -14.2480

# Conversions

## Conversions Part 2

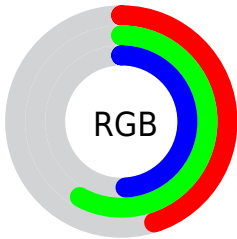
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	116, 142, 148
Decimal	7640188
CIE Lab	58.37, -16.22, 9.06
CIE LCh	58, 18.580, 150.806
Yxy	26.3480, 0.3027, 0.3721
Android (android.graphics.Color)	4285830268 (0xFF74947C)
YUV	135.6960, -5.7661, -17.2734
Hunter-Lab	51.3304, -15.3043, 9.3359

# Details

The Decimal color **7640188** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9729164**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **11061937**, and **4415819** is the 20% darker color. If you saturate the color by 10%, you get **6657137**, and if you desaturate by 10%, it is **8623239**.

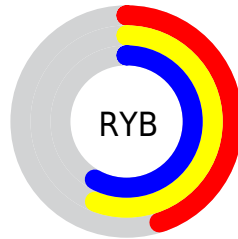
# Distribution



Red (45%)

Green (58%)

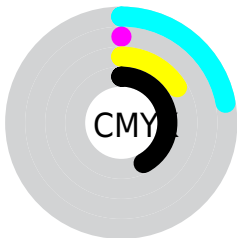
Blue (49%)



Red (45%)

Yellow (56%)

Blue (58%)

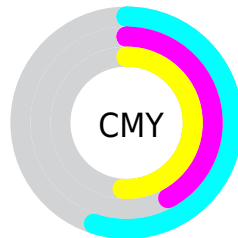


Cyan (22%)

Magenta (0%)

Yellow (16%)

Black (42%)



Cyan (55%)

Magenta (42%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7640188 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 7640188 by changing the saturation by 10% instead.





7640188



7640188

16777215



5995107



11061937



4415819



12904140



2902324



14745576



1454879

16646143



7688



0



7640188



7640188



6657137



8623239



5674086



9606290

■ 4756571

■ 10523805

■ 3773520

■ 11506856

■ 2790469

■ 12489907

■ 1807417

■ 13472959

■ 824366

■ 14456010

■ 37925

■ 15373525

■ 16356576

# Harmonies

## Analogous

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



8884336



7640188



6657676

# Triad

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



7640188



8031917



11371132

# Complementary

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



7640188



9729164

# 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.



11305356



7640188



9472168

# Square

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



7640188



6787752



10650524



10913392

# Rectangle

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



7640188



6264471



10650524



11436417



# Sweetspot

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



7640188



11845559



9213044



5923164



14737632



6381921



# Same Dimension

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



7640188



9355162



7640204



4409924



35362



2563



# Inverse Universe

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



9729164



12553907



9729148



4866888



9044071



655368



# Previews

## White Background



This preview shows how the Decimal color 7640188 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 7640188 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

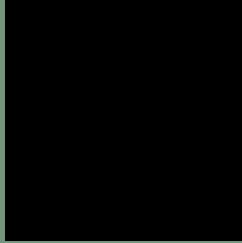
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 7640188 Background



This preview shows how black text looks on a background with the Decimal color 7640188.



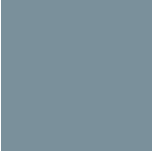
This preview shows how white text looks on a background with the Decimal color 7640188.

# 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**  
8032411

# Trichromacy



**Original Color**  
7640188

**Protanomaly**  
8949625

**Deuteranomaly**  
9407614

**Tritanomaly**  
7901584

# Monochromacy



**Original Color**  
7640188

**Achromatopsia**  
8947848

**Achromatomaly**  
8490116

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7640188 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 #74947C looks like.

```
.text, #text, p{  
  color:#74947C  
}
```

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 #74947C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74947C
}
```

## Border

The CSS property to change the border of an element to Decimal 7640188 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".

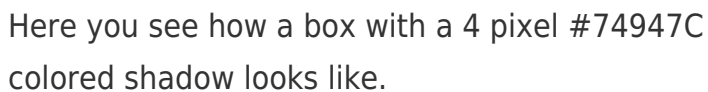
```
.border, #border, table{ border:4px solid
#74947C }
```

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

```
.border{ border-color:#74947C }
```

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

Here you see how a box with a 4 pixel #74947C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74947C; -webkit-box-shadow:4px 4px  
4px 4px #74947C; box-shadow:4px 4px 4px  
4px #74947C }
```

# Background

The CSS property to change the background color of an element to Decimal 7640188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74947C }
```

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

```
.background{ background-color:#74947C }
```

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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