

# Converting Colors

Decimal(7638468)

Have a look what the booklet for  
Decimal(7638468) contains.

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# **Color**

**Decimal(7638468)**

# Conversions

## Conversions Part 1

Format	Color
Hex	748DC4
RGB	116, 141, 196
RGB Percent	45%, 55%, 77%
CMY	0.5451, 0.4471, 0.2314
CMYK	0.41, 0.28, 0.00, 0.23
HSL	221°, 40%, 61%
HSV	221°, 41%, 77%
XYZ	26.6911, 26.7483, 55.9807
YIQ	139.7950, -32.5550, 11.8050

# Conversions

## Conversions Part 2

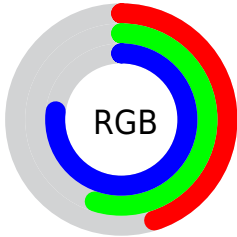
Format	Color
R <sub>Y</sub> B	116, 135, 196
Decimal	7638468
CIE Lab	58.74, 5.27, -31.36
CIE LCh	59, 31.799, 279.536
Yxy	26.7483, 0.2439, 0.2445
Android (android.graphics.Color)	4285828548 (0xFF748DC4)
YUV	139.7950, 27.7091, -20.8682
Hunter-Lab	51.7187, 1.6130, -27.9728

# Details

The Decimal color **7638468** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **12888948**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **11256573**, and **4152206** is the 20% darker color. If you saturate the color by 10%, you get **6324420**, and if you desaturate by 10%, it is **8952516**.

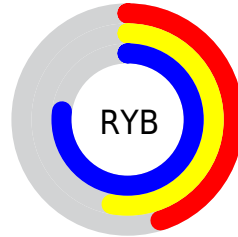
# Distribution



Red (45%)

Green (55%)

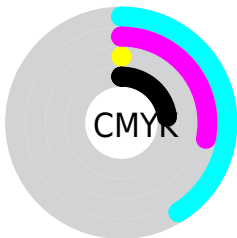
Blue (77%)



Red (45%)

Yellow (53%)

Blue (77%)

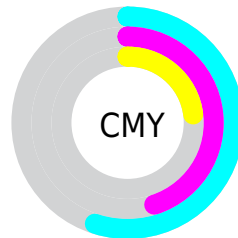


Cyan (41%)

Magenta (28%)

Yellow (0%)

Black (23%)



Cyan (55%)

Magenta (45%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7638468 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 7638468 by changing the saturation by 10% instead.



■ 7638468

■ 7638468

16777215

■ 5862569

■ 11256573

■ 4152206

■ 13098751

■ 2311284

■ 15006719

■ 11867

■ 6723

■ 813

■ 279

■ 0

■ 7638468

■ 7638468

■ 6324420

■ 8952516

■ 5075652

■ 10201284

■ 3761604

■ 11515332

■ 2512836

■ 12764100

■ 1198788

■ 14078148

■ 15812

■ 15392452

■ 16640964

■ 16775620

■ 16777156

# Harmonies

## Analogous

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



4560321



7638468



10257336

# Triad

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



7638468



12614763



5675897

# Complementary

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



7638468



12888948

# 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.



7968353



7638468



11568473

# Square

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



7638468



12875909



9932374



3251350

# Rectangle

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



7638468



11566506



9932374



6462064

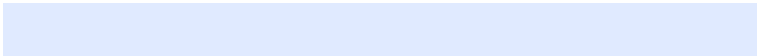


# Sweetspot

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



7638468



14740223



7652523



7238528



0



8421504



# Same Dimension

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



7638468



8563199



8615108



5724769



12961



2593



# Inverse Universe

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



12874893



16745129



11912308



6379354



10551346



2162698



# Previews

## White Background



This preview shows how the Decimal color 7638468 looks on a white background.

## Color Contrast Check

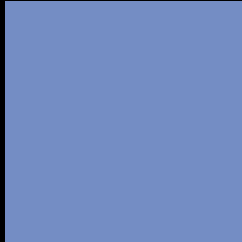
Large Text (above 18pt) WCAG AA ✓ Pass

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 7638468 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

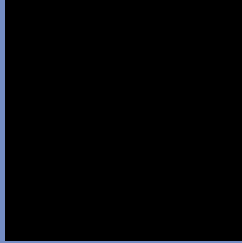
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

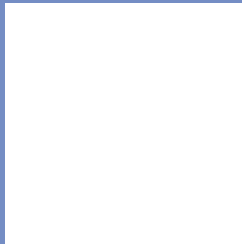
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7638468 Background



This preview shows how black text looks on a background with the Decimal color 7638468.



This preview shows how white text looks on a background with the Decimal color 7638468.

# 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**  
7638468

**Protanopia**  
8162242

**Deuteranopia**  
8031172



**Tritanopia**  
7050400

# Trichromacy



**Original Color**  
7638468

**Protanomaly**  
7965891

**Deuteranomaly**  
7900356

**Tritanomaly**  
7246253

# Monochromacy



**Original Color**  
7638468

**Achromatopsia**  
9211020

**Achromatomaly**  
8621216

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7638468 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 #748DC4 looks like.

```
.text, #text, p{  
    color:#748DC4  
}
```

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 #748DC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748DC4
}
```

## Border

The CSS property to change the border of an element to Decimal 7638468 is called "border". The border property can be set on classes, ids or directly on the HTML element.

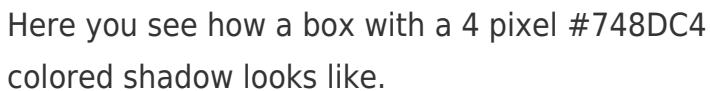
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#748DC4 }
```

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

```
.border{ border-color:#748DC4 }
```

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



Here you see how a box with a 4 pixel #748DC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748DC4; -webkit-box-shadow:4px 4px  
4px 4px #748DC4; box-shadow:4px 4px 4px  
4px #748DC4 }
```

# Background

The CSS property to change the background color of an element to Decimal 7638468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748DC4 }
```

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

```
.background{ background-color:#748DC4 }
```

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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