

# Converting Colors

Decimal(7631720)

Have a look what the booklet for  
Decimal(7631720) contains.

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# Color

**Decimal(7631720)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	747368
RGB	116, 115, 104
RGB Percent	45%, 45%, 41%
CMY	0.5451, 0.5490, 0.5922
CMYK	0.00, 0.01, 0.10, 0.55
HSL	55°, 5%, 43%
HSV	55°, 10%, 45%
XYZ	15.8319, 16.9739, 15.5386
YIQ	114.0450, 4.1270, -3.2090

# Conversions

## Conversions Part 2

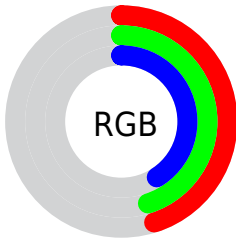
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 116, 104
Decimal	7631720
CIE <sub>Lab</sub>	48.23, -1.73, 6.22
CIE <sub>LCh</sub>	48, 6.458, 105.579
Yxy	16.9739, 0.3275, 0.3511
Android (android.graphics.Color)	4285821800 (0xFF747368)
YUV	114.0450, -4.9522, 1.7145
Hunter-Lab	41.1995, -3.5061, 6.4781

# Details

The Decimal color **7631720** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6842740**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **11052955**, and **4473657** is the 20% darker color. If you saturate the color by 10%, you get **7631452**, and if you desaturate by 10%, it is **7631988**.

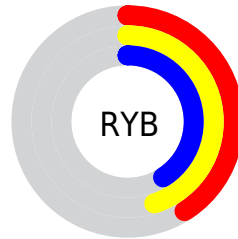
# Distribution



Red (45%)

Green (45%)

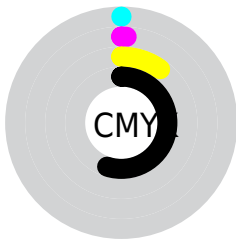
Blue (41%)



Red (41%)

Yellow (45%)

Blue (41%)

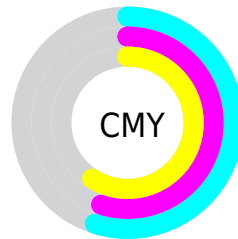


Cyan (0%)

Magenta (1%)

Yellow (10%)

Black (55%)



Cyan (55%)

Magenta (55%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7631720 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 7631720 by changing the saturation by 10% instead.





7631720



7631720

16777215



5986896



11052955



4473657



12829366



3026212



14671570



1644558



16579310



0



7631720



7631720



7631452



7631988



7631185



7632255



7630917



7632523

■ 7630650

■ 7632790

■ 7630382

■ 7633058

■ 7630114

■ 7633326

■ 7629847

■ 7633593

■ 7629579

■ 7633861

■ 7629312

■ 7634128

# Harmonies

## Analogous

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



8024424



7631720



7239019

# Triad

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



7631720



6714746



8154997

# Complementary

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



7631720



6842740

# 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.



7827578



7631720



6976637

# Square

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



7631720



6649461



7369341



8286064

# Rectangle

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



7631720



6976878



7369341



8089463



# Sweetspot

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



7631720



9868946



7628905



5065801



13421772



5066061



# Same Dimension

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



7631720



9868676



7304296



3881525



8024064



16442624



# Inverse Universe

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



6842740



8685206



7170164



3487035



2682

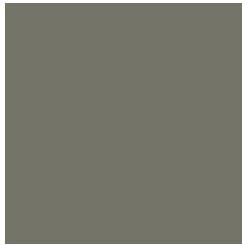


5626



# Previews

## White Background



This preview shows how the Decimal color 7631720 looks on a white background.

## Color Contrast Check

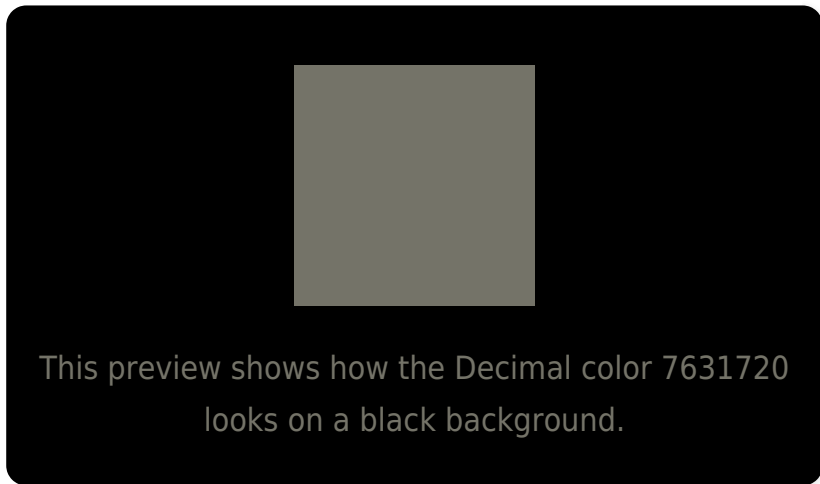
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

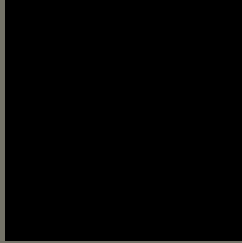
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7631720 Background



This preview shows how black text looks on a background with the Decimal color 7631720.



This preview shows how white text looks on a background with the Decimal color 7631720.

# 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**  
7631720

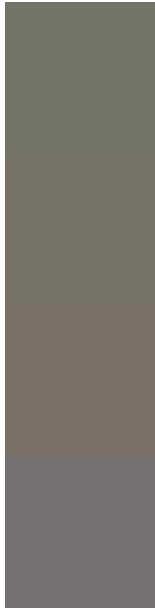
**Protanopia**  
7828072

**Deuteranopia**  
8482409



**Tritanopia**  
7762041

# Trichromacy



**Original Color**  
7631720

**Protanomaly**  
7762536

**Deuteranomaly**  
8155241

**Tritanomaly**  
7696755

# Monochromacy



**Original Color**  
7631720

**Achromatopsia**  
7500402

**Achromatomaly**  
7565934

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7631720 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 #747368 looks like.

```
.text, #text, p{  
    color:#747368  
}
```

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 #747368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #747368
}
```

## Border

The CSS property to change the border of an element to Decimal 7631720 is called "border". The border property can be set on classes, ids or directly on the HTML element.

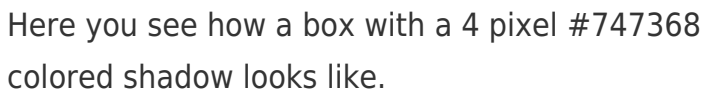
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#747368 }
```

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

```
.border{ border-color:#747368 }
```

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



Here you see how a box with a 4 pixel #747368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #747368; -webkit-box-shadow:4px 4px  
4px 4px #747368; box-shadow:4px 4px 4px  
4px #747368 }
```

# Background

The CSS property to change the background color of an element to Decimal 7631720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#747368 }
```

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

```
.background{ background-color:#747368 }
```

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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