

# Converting Colors

Decimal(7631301)

Have a look what the booklet for  
Decimal(7631301) contains.

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# Color

**Decimal(7631301)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7471C5
RGB	116, 113, 197
RGB Percent	45%, 44%, 77%
CMY	0.5451, 0.5569, 0.2275
CMYK	0.41, 0.43, 0.00, 0.23
HSL	242°, 42%, 61%
HSV	242°, 43%, 77%
XYZ	23.1856, 19.5545, 55.3757
YIQ	123.4730, -25.1760, 26.7600

# Conversions

## Conversions Part 2

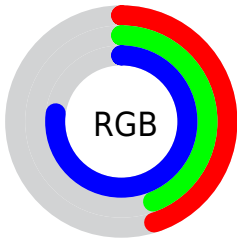
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 113, 197
Decimal	7631301
CIE <sub>Lab</sub>	51.33, 22.20, -43.56
CIE <sub>LCh</sub>	51, 48.888, 297.006
Yxy	19.5545, 0.2363, 0.1993
Android (android.graphics.Color)	4285821381 (0xFF7471C5)
YUV	123.4730, 36.2488, -6.5538
Hunter-Lab	44.2204, 16.2052, -43.2925

# Details

The Decimal color **7631301** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **12764529**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **11249150**, and **4080015** is the 20% darker color. If you saturate the color by 10%, you get **6380997**, and if you desaturate by 10%, it is **8881605**.

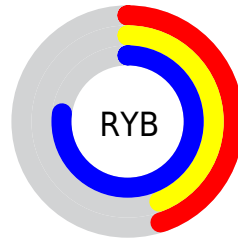
# Distribution



Red (45%)

Green (44%)

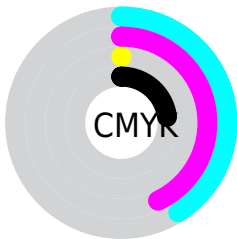
Blue (77%)



Red (45%)

Yellow (44%)

Blue (77%)

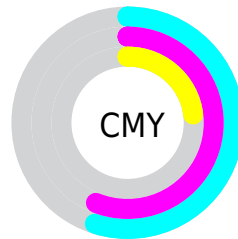


Cyan (41%)

Magenta (43%)

Yellow (0%)

Black (23%)



Cyan (55%)

Magenta (56%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7631301 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 7631301 by changing the saturation by 10% instead.



■ 7631301

■ 7631301

16777215

■ 5855657

■ 11249150

■ 4080015

■ 13156607

■ 2108277

■ 15064319

■ 5979

■ 16775423

■ 68

■ 812

■ 279

■ 0

■ 7631301

■ 7631301

■ 6380997

■ 8881605

■ 5130949

■ 10131653

■ 3880645

■ 11381957

■ 2630341

■ 12632261

■ 1380037

■ 13882565

■ 458949

■ 15132613

■ 16382917

■ 16777157

# Harmonies

## Analogous

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



32974



7631301



11100072

# Triad

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



7631301



11822900



36469

# Complementary

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



7631301



12764529

# 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.



3312459



7631301



9729824

# Square

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



7631301



12933207



7045930



36511

# Rectangle

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



7631301



12408718



7045930



36198



# Sweetspot

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



7631301



14671615



7455429



7105408



0



8421504



# Same Dimension

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



7631301



8551935



10383813



5921379



393379



65572



# Inverse Universe

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



12939714



16743930



10012017



6511203



10682525



2359330



# Previews

## White Background



This preview shows how the Decimal color 7631301 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 7631301 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 7631301 Background



This preview shows how black text looks on a background with the Decimal color 7631301.



This preview shows how white text looks on a background with the Decimal color 7631301.

# 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**  
7631301

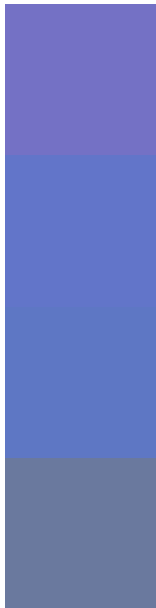
**Protanopia**  
5797835

**Deuteranopia**  
5339843



**Tritanopia**  
6651528

# Trichromacy



**Original Color**  
7631301

**Protanomaly**  
6452681

**Deuteranomaly**  
6191044

**Tritanomaly**  
6977950

# Monochromacy



**Original Color**  
7631301

**Achromatopsia**  
8092539

**Achromatomaly**  
7894934

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7631301 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 #7471C5 looks like.

```
.text, #text, p{  
    color:#7471C5  
}
```

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 #7471C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7471C5
}
```

## Border

The CSS property to change the border of an element to Decimal 7631301 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".

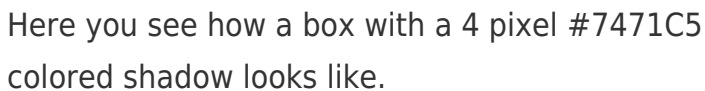
```
.border, #border, table{ border:4px solid
#7471C5 }
```

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

```
.border{ border-color:#7471C5 }
```

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

Here you see how a box with a 4 pixel #7471C5 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7471C5; -webkit-box-shadow:4px 4px  
4px 4px #7471C5; box-shadow:4px 4px 4px  
4px #7471C5 }
```

# Background

The CSS property to change the background color of an element to Decimal 7631301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7471C5 }
```

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

```
.background{ background-color:#7471C5 }
```

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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