

# Converting Colors

Decimal(7641797)

Have a look what the booklet for  
Decimal(7641797) contains.

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# **Color**

**Decimal(7641797)**

# Conversions

## Conversions Part 1

Format	Color
Hex	749AC5
RGB	116, 154, 197
RGB Percent	45%, 60%, 77%
CMY	0.5451, 0.3961, 0.2275
CMYK	0.41, 0.22, 0.00, 0.23
HSL	212°, 41%, 61%
HSV	212°, 41%, 77%
XYZ	28.8361, 30.8554, 57.2592
YIQ	147.5400, -36.4510, 5.3170

# Conversions

## Conversions Part 2

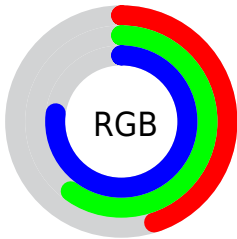
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 142, 197
Decimal	7641797
CIE <sub>Lab</sub>	62.39, -1.90, -26.29
CIE <sub>LCh</sub>	62, 26.354, 265.874
Yxy	30.8554, 0.2466, 0.2638
Android (android.graphics.Color)	4285831877 (0xFF749AC5)
YUV	147.5400, 24.3838, -27.6606
Hunter-Lab	55.5477, -4.5448, -22.2335

# Details

The Decimal color **7641797** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **12951412**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **11260158**, and **4155279** is the 20% darker color. If you saturate the color by 10%, you get **6328517**, and if you desaturate by 10%, it is **8955077**.

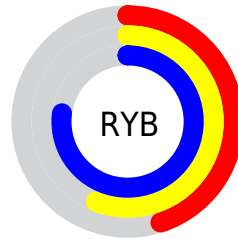
# Distribution



Red (45%)

Green (60%)

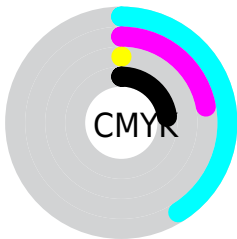
Blue (77%)



Red (45%)

Yellow (56%)

Blue (77%)

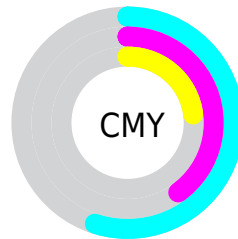


Cyan (41%)

Magenta (22%)

Yellow (0%)

Black (23%)



Cyan (55%)

Magenta (40%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7641797 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 7641797 by changing the saturation by 10% instead.



■ 7641797

■ 7641797

16777215

■ 5865642

■ 11260158

■ 4155279

■ 13102335

■ 2248565

■ 15007743

■ 14428

■ 9029

■ 3374

■ 281

■ 0

■ 7641797

■ 7641797

■ 6328517

■ 8955077

■ 5080517

■ 10203077

■ 3767237

■ 11516357

■ 2453701

■ 12829893

■ 1205957

■ 14143173

■ 23749

■ 15391173

■ 16704453

■ 16772805

■ 16775365

# Harmonies

## Analogous

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



5742781



7641797



9867969

# Triad

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



7641797



13010820



7840124

# Complementary

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



7641797



12951412

# 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.



9608300



7641797



12422257

# Square

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



7641797



12748443



11244648



6136979

# Rectangle

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



7641797



11177400



11244648



8429430

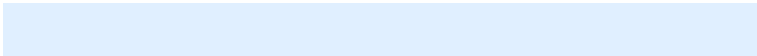


# Sweetspot

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



7641797



14741503



7652766



7239296



0



8421504

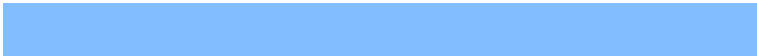


# Same Dimension

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



7641797



8568319



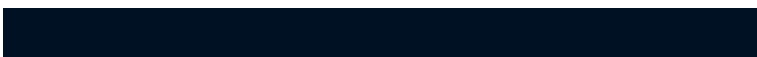
7697605



5922403



19875



4388



# Inverse Universe

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



12940442



16745149



12895604



6511198



10682445



2359313



# Previews

## White Background



This preview shows how the Decimal color 7641797 looks on a white background.

## Color Contrast Check

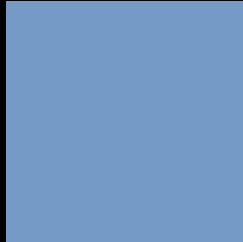
Large Text (above 18pt) WCAG AA × Fail

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 7641797 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

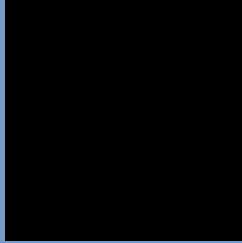
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7641797 Background



This preview shows how black text looks on a background with the Decimal color 7641797.



This preview shows how white text looks on a background with the Decimal color 7641797.

# 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



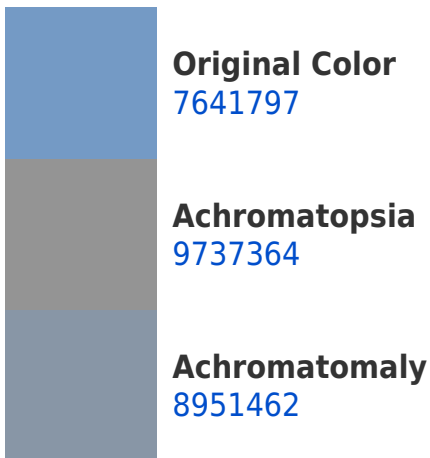


**Tritanopia**  
7184299

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7641797 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 #749AC5 looks like.

```
.text, #text, p{  
    color:#749AC5  
}
```

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 #749AC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749AC5
}
```

## Border

The CSS property to change the border of an element to Decimal 7641797 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
#749AC5 }
```

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

```
.border{ border-color:#749AC5 }
```

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

Here you see how a box with a 4 pixel #749AC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749AC5; -webkit-box-shadow:4px 4px  
4px 4px #749AC5; box-shadow:4px 4px 4px  
4px #749AC5 }
```

# Background

The CSS property to change the background color of an element to Decimal 7641797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749AC5 }
```

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

```
.background{ background-color:#749AC5 }
```

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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