

Converting Colors

Decimal(7642309)

Have a look what the booklet for
Decimal(7642309) contains.

Decimal(7642309)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7642309)

Conversions

Conversions Part 1

Format	Color
Hex	749CC5
RGB	116, 156, 197
RGB Percent	45%, 61%, 77%
CMY	0.5451, 0.3882, 0.2275
CMYK	0.41, 0.21, 0.00, 0.23
HSL	210°, 41%, 61%
HSV	210°, 41%, 77%
XYZ	29.1690, 31.5212, 57.3701
YIQ	148.7140, -37.0010, 4.2710

Conversions

Conversions Part 2

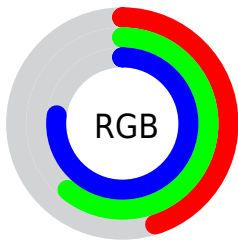
Format	Color
R _Y B	116, 143, 197
Decimal	7642309
CIE Lab	62.95, -3.02, -25.42
CIE LCh	63, 25.604, 263.223
Yxy	31.5212, 0.2471, 0.2670
Android (android.graphics.Color)	4285832389 (0xFF749CC5)
YUV	148.7140, 23.8050, -28.6902
Hunter-Lab	56.1437, -5.5134, -21.2846

Details

The Decimal color **7642309** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **12950900**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **11260670**, and **4155791** is the 20% darker color. If you saturate the color by 10%, you get **6329029**, and if you desaturate by 10%, it is **8955589**.

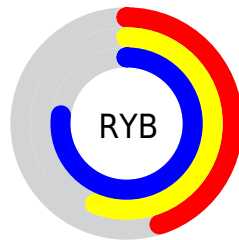
Distribution



Red (45%)

Green (61%)

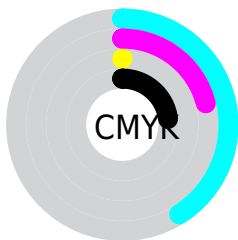
Blue (77%)



Red (45%)

Yellow (56%)

Blue (77%)

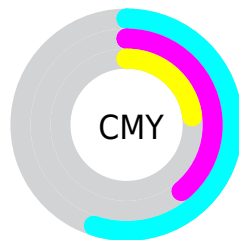


Cyan (41%)

Magenta (21%)

Yellow (0%)

Black (23%)



Cyan (55%)

Magenta (39%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7642309 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 7642309 by changing the saturation by 10% instead.

■ 7642309

■ 7642309

16777215

■ 5866154

■ 11260670

■ 4155791

■ 13103103

■ 2249077

■ 15007743

■ 14941

■ 9541

■ 3886

■ 281

■ 0

■ 7642309

■ 7642309

■ 6329029

■ 8955589

■ 5081285

■ 10203333

■ 3768005

■ 11516613

■ 2454725

■ 12829893

■ 1206981

■ 14143173

■ 25029

■ 15390917

■ 16704197

■ 16772293

■ 16774853

Harmonies

Analogous

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



5874364



7642309



9802946

Triad

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



7642309



13011079



8168060

Complementary

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



7642309



12950900

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.



9870446



7642309



12553845

Square

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



7642309



12748958



11375979



6530450

Rectangle

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



7642309



11046842



11375979



8757367

Sweetspot

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



7642309



14741759



7652765



7239296



0



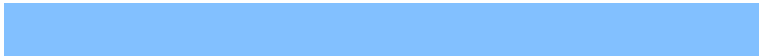
8421504

Same Dimension

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



7642309



8569087



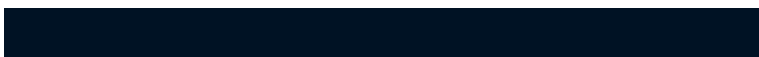
7632069



5922403



20899



4644

Inverse Universe

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



12940444



16745152



12961140



6511198



10682449



2359314

Previews

White Background



This preview shows how the Decimal color 7642309 looks on a white background.

Color Contrast Check

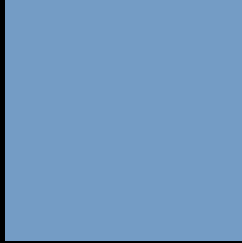
Large Text (above 18pt) WCAG AA × Fail

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 7642309 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 7642309 Background



This preview shows how black text looks on a background with the Decimal color 7642309.




This preview shows how white text looks on a background with the Decimal color 7642309.

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
7250093

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7642309 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 #749CC5 looks like.

```
.text, #text, p{  
    color:#749CC5  
}
```

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 #749CC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749CC5
}
```

Border

The CSS property to change the border of an element to Decimal 7642309 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
#749CC5 }
```

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

```
.border{ border-color:#749CC5 }
```

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

Here you see how a box with a 4 pixel #749CC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749CC5; -webkit-box-shadow:4px 4px  
4px 4px #749CC5; box-shadow:4px 4px 4px  
4px #749CC5 }
```

Background

The CSS property to change the background color of an element to Decimal 7642309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749CC5 }
```

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

```
.background{ background-color:#749CC5 }
```

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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