

# Converting Colors

Decimal(7510471)

Have a look what the booklet for  
Decimal(7510471) contains.

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# **Color**

**Decimal(7510471)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7299C7
RGB	114, 153, 199
RGB Percent	45%, 60%, 78%
CMY	0.5529, 0.4000, 0.2196
CMYK	0.43, 0.23, 0.00, 0.22
HSL	212°, 43%, 61%
HSV	212°, 43%, 78%
XYZ	28.6395, 30.4834, 58.4073
YIQ	146.5830, -38.0100, 6.0380

# Conversions

## Conversions Part 2

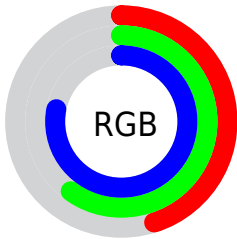
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 141, 199
Decimal	7510471
CIELab	62.07, -1.30, -27.90
CIELCh	62, 27.933, 267.336
Yxy	30.4834, 0.2437, 0.2594
Android (android.graphics.Color)	4285700551 (0xFF7299C7)
YUV	146.5830, 25.8416, -28.5753
Hunter-Lab	55.2118, -4.0290, -24.0733

# Details

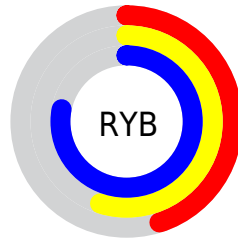
The Decimal color **7510471** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **13082738**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **11128831**, and **3958417** is the 20% darker color. If you saturate the color by 10%, you get **6196935**, and if you desaturate by 10%, it is **8824007**.

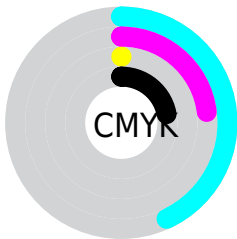
# Distribution



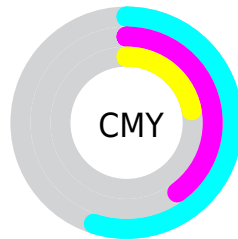
- Red (45%)
- Green (60%)
- Blue (78%)



- Red (45%)
- Yellow (55%)
- Blue (78%)



- Cyan (43%)
- Magenta (23%)
- Yellow (0%)
- Black (22%)



- Cyan (55%)
- Magenta (40%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7510471 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 7510471 by changing the saturation by 10% instead.



■ 7510471

■ 7510471

16777215

■ 5734316

■ 11128831

■ 3958417

■ 12971007

■ 2051703

■ 14876671

■ 14430

■ 9030

■ 3120

■ 282

■ 0

■ 7510471

■ 7510471

6196935

8824007

4883399

10137543

3570119

11450823

2256583

12764359

1008583

14077895

23495

15325895

16639175

16773063

16775879

# Harmonies

## Analogous

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



5349567



7510471



9867458

# Triad

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



7510471



13075840



7577979

# Complementary

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



7510471



13082738

# 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.



9476969



7510471



12421997

# Square

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



7510471



12879001



11113573



5743507

# Rectangle

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



7510471



11242424



11113573



8232820

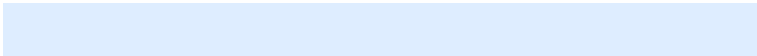


# Sweetspot

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



7510471



14609919



7522207



7042176



0



8421504

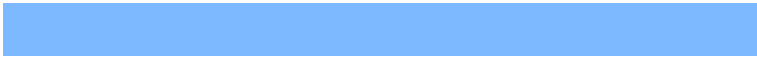


# Same Dimension

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



7510471



8239615



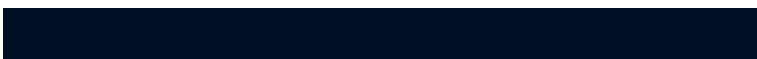
7697095



5922403



19363



4132



# Inverse Universe

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



13071001



16743865



12896114



6511198



10682443

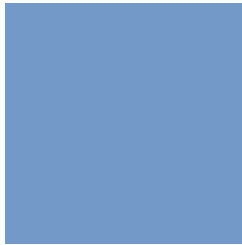


2359312



# Previews

## White Background



This preview shows how the Decimal color 7510471 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 7510471 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

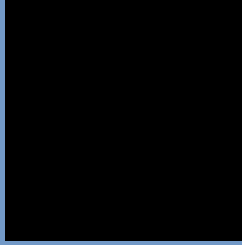
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

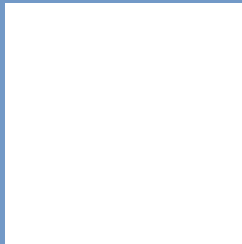
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7510471 Background



This preview shows how black text looks on a background with the Decimal color 7510471.

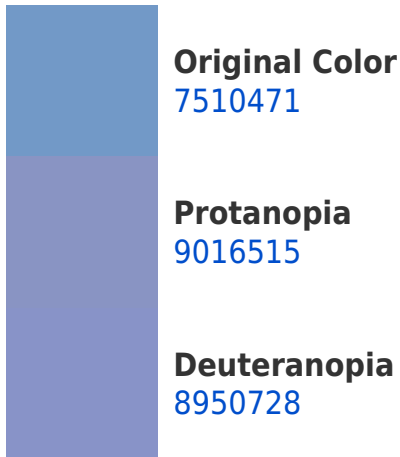



This preview shows how white text looks on a background with the Decimal color 7510471.

# 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](#).

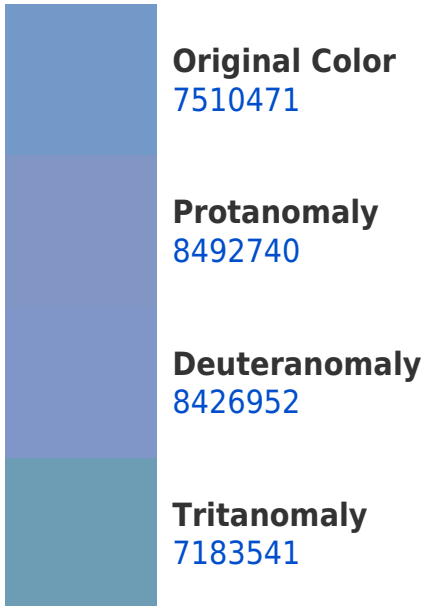
## Dichromacy



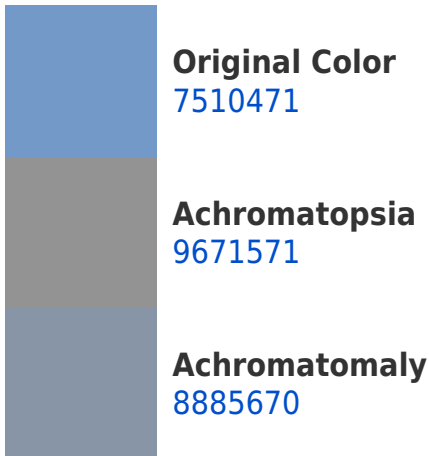


**Tritanopia**  
6987435

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7510471 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 #7299C7 looks like.

```
.text, #text, p{  
    color:#7299C7  
}
```

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 #7299C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7299C7
}
```

## Border

The CSS property to change the border of an element to Decimal 7510471 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
#7299C7 }
```

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

```
.border{ border-color:#7299C7 }
```

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

Here you see how a box with a 4 pixel #7299C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7299C7; -webkit-box-shadow:4px 4px  
4px 4px #7299C7; box-shadow:4px 4px 4px  
4px #7299C7 }
```

# Background

The CSS property to change the background color of an element to Decimal 7510471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7299C7 }
```

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

```
.background{ background-color:#7299C7 }
```

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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