

# Converting Colors

Decimal(7247049)

Have a look what the booklet for  
Decimal(7247049) contains.

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# **Color**

**Decimal(7247049)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E94C9
RGB	110, 148, 201
RGB Percent	43%, 58%, 79%
CMY	0.5686, 0.4196, 0.2118
CMYK	0.45, 0.26, 0.00, 0.21
HSL	215°, 46%, 61%
HSV	215°, 45%, 79%
XYZ	27.5629, 28.7119, 59.3476
YIQ	142.6800, -39.6610, 8.4270

# Conversions

## Conversions Part 2

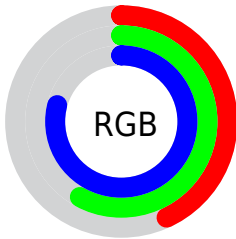
Format	Color
<a href="#">RYB</a>	<a href="#">110, 137, 201</a>
Decimal	<a href="#">7247049</a>
CIELab	<a href="#">60.53, 1.10, -31.43</a>
CIElCh	<a href="#">61, 31.449, 271.999</a>
Yxy	<a href="#">28.7119, 0.2384, 0.2483</a>
Android (android.graphics.Color)	<a href="#">4285437129</a> ( <a href="#">0xFF6E94C9</a> )
YUV	<a href="#">142.6800, 28.7518, -28.6604</a>
Hunter-Lab	<a href="#">53.5834, -1.9519, -28.1596</a>

# Details

The Decimal color **7247049** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **13214574**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **10865407**, and **3629715** is the 20% darker color. If you saturate the color by 10%, you get **5933257**, and if you desaturate by 10%, it is **8560841**.

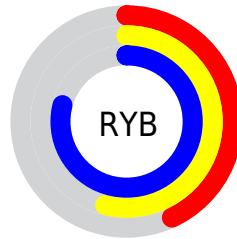
# Distribution



Red (43%)

Green (58%)

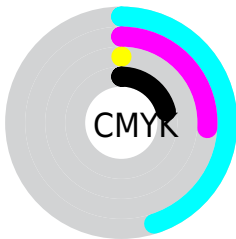
Blue (79%)



Red (43%)

Yellow (54%)

Blue (79%)

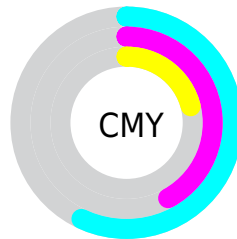


Cyan (45%)

Magenta (26%)

Yellow (0%)

Black (21%)



Cyan (57%)

Magenta (42%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7247049 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 7247049 by changing the saturation by 10% instead.



■ 7247049

■ 7247049

16777215

■ 5470893

■ 10865407

■ 3629715

■ 12773119

■ 1526393

■ 14614527

■ 13408

■ 16580607

■ 8008

■ 1329

■ 283

■ 0

■ 7247049

■ 7247049

■ 5933257

■ 8560841

■ 4619721

■ 9874377

■ 3305929

■ 11188169

■ 1992137

■ 12501961

■ 678345

■ 13881289

■ 21705

■ 15194825

■ 16508617

■ 16773833

■ 16776649

# Harmonies

## Analogous

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



4299970



7247049



9996993

# Triad

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



7247049



13074294



6594423

# Complementary

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



7247049



13214574

# 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.



8755554



7247049



12224354

# Square

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



7247049



13073809



10719578



4366739

# Rectangle

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



7247049



11437236



10719578



7380335

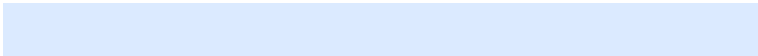


# Sweetspot

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



7247049



14412543



7260578



6976384



0



8421504

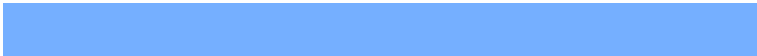


# Same Dimension

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



7247049



7712767



7630537



5922403



17571



3876



# Inverse Universe

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



13201044



16741807



12831086



6511198



10682436



2359311



# Previews

## White Background



This preview shows how the Decimal color 7247049 looks on a white background.

## Color Contrast Check

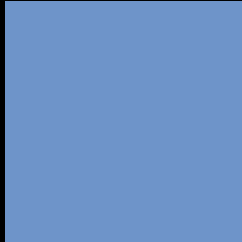
Large Text (above 18pt) WCAG AA ✓ Pass

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 7247049 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 7247049 Background



This preview shows how black text looks on a background with the Decimal color 7247049.




This preview shows how white text looks on a background with the Decimal color 7247049.

# 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](#).

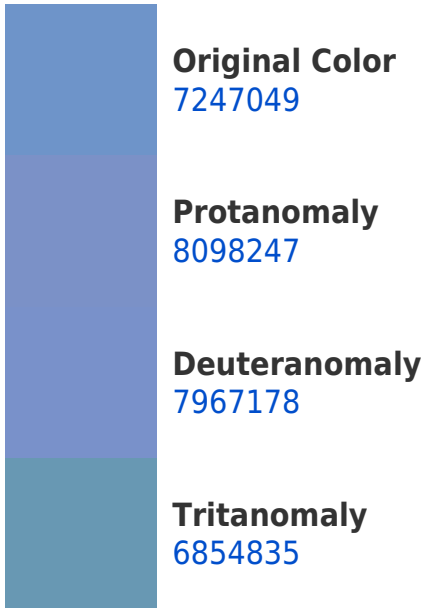
## Dichromacy



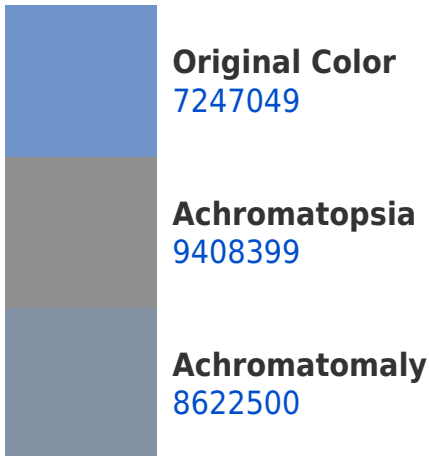


**Tritanopia**  
6593191

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7247049 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 #6E94C9 looks like.

```
.text, #text, p{  
    color:#6E94C9  
}
```

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 #6E94C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E94C9
}
```

## Border

The CSS property to change the border of an element to Decimal 7247049 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
#6E94C9 }
```

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

```
.border{ border-color:#6E94C9 }
```

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

Here you see how a box with a 4 pixel #6E94C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E94C9; -webkit-box-shadow:4px 4px  
4px 4px #6E94C9; box-shadow:4px 4px 4px  
4px #6E94C9 }
```

# Background

The CSS property to change the background color of an element to Decimal 7247049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E94C9 }
```

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

```
.background{ background-color:#6E94C9 }
```

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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