

# Converting Colors

Decimal(7118271)

Have a look what the booklet for  
Decimal(7118271) contains.

<b>Decimal(7118271)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(7118271)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C9DBF
RGB	108, 157, 191
RGB Percent	42%, 62%, 75%
CMY	0.5765, 0.3843, 0.2510
CMYK	0.43, 0.18, 0.00, 0.25
HSL	205°, 39%, 59%
HSV	205°, 43%, 75%
XYZ	27.6453, 31.0637, 53.8290
YIQ	146.2250, -40.1180, 0.1860

# Conversions

## Conversions Part 2

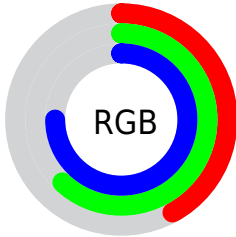
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	108, 139, 191
Decimal	7118271
CIE Lab	62.56, -7.34, -22.69
CIE LCh	63, 23.851, 252.065
Yxy	31.0637, 0.2457, 0.2760
Android (android.graphics.Color)	4285308351 (0xFF6C9DBF)
YUV	146.2250, 22.0741, -33.5233
Hunter-Lab	55.7348, -8.9973, -18.2483

# Details

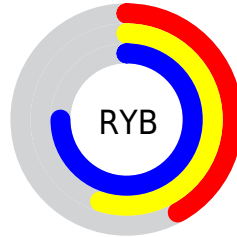
The Decimal color **7118271** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **12553836**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **10736887**, and **3566217** is the 20% darker color. If you saturate the color by 10%, you get **5871039**, and if you desaturate by 10%, it is **8365503**.

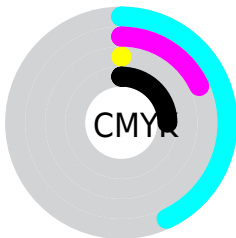
# Distribution



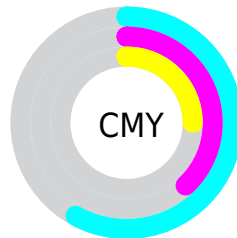
- Red (42%)
- Green (62%)
- Blue (75%)



- Red (42%)
- Yellow (55%)
- Blue (75%)



- Cyan (43%)
- Magenta (18%)
- Yellow (0%)
- Black (25%)



- Cyan (58%)
- Magenta (38%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7118271 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 7118271 by changing the saturation by 10% instead.



■ 7118271

■ 7118271

16777215

■ 5342116

■ 10736887

■ 3566217

■ 12579071

■ 1528432

■ 14483455

■ 15191

■ 16383999

■ 9536

■ 4138

■ 277

■ 0

■ 7118271

■ 7118271

■ 5871039

■ 8365503

■ 4623807

■ 9612735

■ 3376831

■ 10859711

■ 2129599

■ 12106943

■ 816831

■ 13354175

■ 29119

■ 14666943

■ 15914175

■ 16768191

■ 16769983

# Harmonies

## Analogous

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



5939635



7118271



9017024

# Triad

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



7118271



12748943



8822647

# Complementary

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



7118271



12553836

# 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.



10393966



7118271



12553084

# Square

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



7118271



12159397



11702895



7250570

# Rectangle

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



7118271



10260923



11702895



9346419



# Sweetspot

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



7118271



14150391



7126925



6911357



16579836



8224125



# Same Dimension

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



7118271



7848951



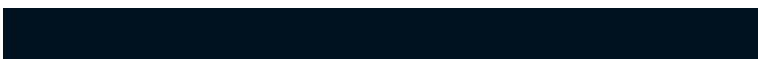
7107775



5593694



23966



4639



# Inverse Universe

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



12545181



16218051



12564332



6182234



10354781



2031634



# Previews

## White Background



This preview shows how the Decimal color 7118271 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 7118271 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 7118271 Background



This preview shows how black text looks on a background with the Decimal color 7118271.




This preview shows how white text looks on a background with the Decimal color 7118271.

# 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](#).

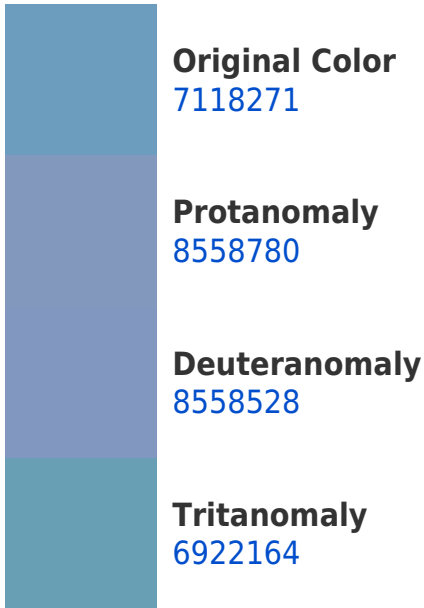
## Dichromacy





**Tritanopia**  
6791341

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7118271 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 #6C9DBF looks like.

```
.text, #text, p{  
    color:#6C9DBF  
}
```

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 #6C9DBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C9DBF
}
```

## Border

The CSS property to change the border of an element to Decimal 7118271 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
#6C9DBF }
```

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

```
.border{ border-color:#6C9DBF }
```

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

Here you see how a box with a 4 pixel #6C9DBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C9DBF; -webkit-box-shadow:4px 4px  
4px 4px #6C9DBF; box-shadow:4px 4px 4px  
4px #6C9DBF }
```

# Background

The CSS property to change the background color of an element to Decimal 7118271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C9DBF }
```

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

```
.background{ background-color:#6C9DBF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor