

# Converting Colors

Decimal(7314383)

Have a look what the booklet for  
Decimal(7314383) contains.

<b>Decimal(7314383)</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(7314383)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F9BCF
RGB	111, 155, 207
RGB Percent	44%, 61%, 81%
CMY	0.5647, 0.3922, 0.1882
CMYK	0.46, 0.25, 0.00, 0.19
HSL	213°, 50%, 62%
HSV	213°, 46%, 81%
XYZ	29.5394, 31.3272, 63.5213
YIQ	147.7720, -42.9160, 6.8440

# Conversions

## Conversions Part 2

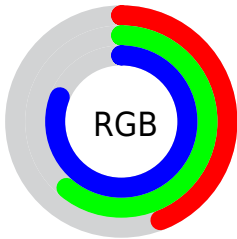
Format	Color
R <sub>Y</sub> B	111, 141, 207
Decimal	7314383
CIE Lab	62.78, -0.90, -31.28
CIE LCh	63, 31.296, 268.352
Yxy	31.3272, 0.2375, 0.2519
Android (android.graphics.Color)	4285504463 (0xFF6F9BCF)
YUV	147.7720, 29.1994, -32.2490
Hunter-Lab	55.9707, -3.7427, -28.1089

# Details

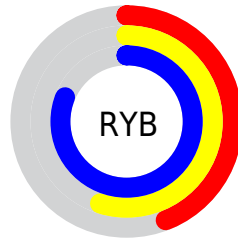
The Decimal color **7314383** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **13607791**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **10998271**, and **3631256** is the 20% darker color. If you saturate the color by 10%, you get **5935311**, and if you desaturate by 10%, it is **8693455**.

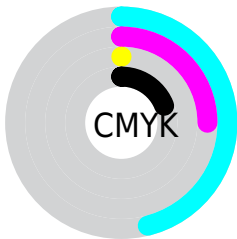
# Distribution



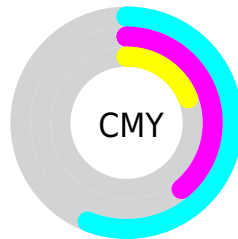
- Red (44%)
- Green (61%)
- Blue (81%)



- Red (44%)
- Yellow (55%)
- Blue (81%)



- Cyan (46%)
- Magenta (25%)
- Yellow (0%)
- Black (19%)



- Cyan (56%)
- Magenta (39%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7314383 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 7314383 by changing the saturation by 10% instead.



■ 7314383

■ 7314383

16777215

■ 5472691

■ 10998271

■ 3631256

■ 12840703

■ 1396862

■ 14745599

■ 14693

16711679

■ 9293

■ 3894

■ 544

■ 4

■ 0

■ 7314383

■ 7314383

■ 5935311

■ 8693455

■ 4621775

■ 10006991

■ 3242447

■ 11386319

■ 1863375

■ 12765391

■ 484303

■ 14078927

■ 24527

■ 15457999

■ 16771535

■ 16774607

■ 16777167

# Harmonies

## Analogous

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



4563654



7314383



10064329

# Triad

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



7314383



13534591



7316602

# Complementary

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



7314383



13607791

# 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.



9412198



7314383



12749929

# Square

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



7314383



13403034



11310688



5089173

# Rectangle

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



7314383



11570109



11310688



8036978

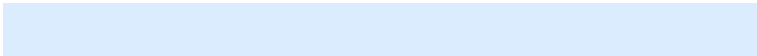


# Sweetspot

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



7314383



14413055



7327650



6976640



0



8421504

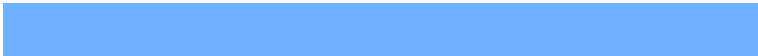


# Same Dimension

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



7314383



7385855



7499727



6185833



19880



4905



# Inverse Universe

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



13594523



16740530



13422447



6905443



11010125



2686995



# Previews

## White Background



This preview shows how the Decimal color 7314383 looks on a white background.

## Color Contrast Check

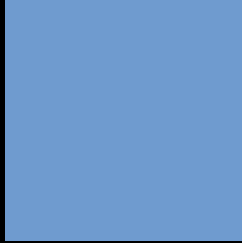
Large Text (above 18pt) WCAG AA × Fail

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 7314383 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

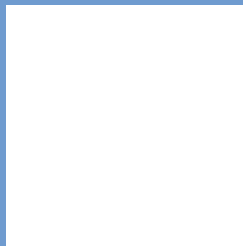
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7314383 Background



This preview shows how black text looks on a background with the Decimal color 7314383.



This preview shows how white text looks on a background with the Decimal color 7314383.

# 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](#).

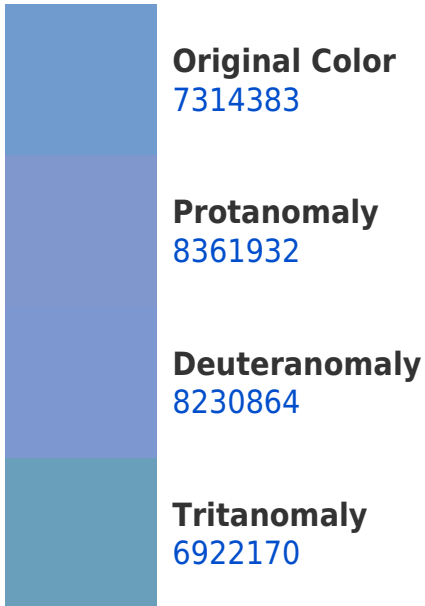
## Dichromacy





**Tritanopia**  
6660526

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7314383 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 #6F9BCF looks like.

```
.text, #text, p{  
    color:#6F9BCF  
}
```

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 #6F9BCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F9BCF
}
```

## Border

The CSS property to change the border of an element to Decimal 7314383 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
#6F9BCF }
```

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

```
.border{ border-color:#6F9BCF }
```

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

Here you see how a box with a 4 pixel #6F9BCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F9BCF; -webkit-box-shadow:4px 4px  
4px 4px #6F9BCF; box-shadow:4px 4px 4px  
4px #6F9BCF }
```

# Background

The CSS property to change the background color of an element to Decimal 7314383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F9BCF }
```

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

```
.background{ background-color:#6F9BCF }
```

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