

# Converting Colors

Decimal(7050967)

Have a look what the booklet for  
Decimal(7050967) contains.

<b>Decimal(7050967)</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(7050967)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B96D7
RGB	107, 150, 215
RGB Percent	42%, 59%, 84%
CMY	0.5804, 0.4118, 0.1569
CMYK	0.50, 0.30, 0.00, 0.16
HSL	216°, 57%, 63%
HSV	216°, 50%, 84%
XYZ	29.2355, 29.8448, 68.5097
YIQ	144.5530, -46.4930, 11.0990

# Conversions

## Conversions Part 2

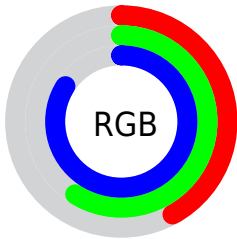
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 138, 215
Decimal	7050967
CIE <sub>Lab</sub>	61.52, 3.38, -37.72
CIE <sub>LCh</sub>	62, 37.876, 275.116
Yxy	29.8448, 0.2291, 0.2339
Android (android.graphics.Color)	4285241047 (0xFF6B96D7)
YUV	144.5530, 34.7304, -32.9340
Hunter-Lab	54.6304, -0.0788, -36.1119

# Details

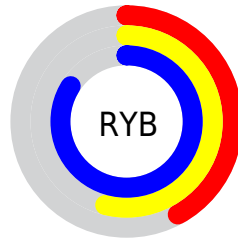
The Decimal color **7050967** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **14134379**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **10800383**, and **3171488** is the 20% darker color. If you saturate the color by 10%, you get **5671383**, and if you desaturate by 10%, it is **8496087**.

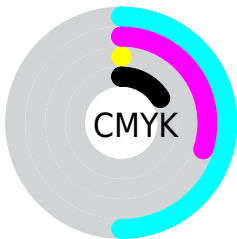
# Distribution



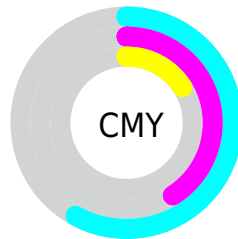
- Red (42%)
- Green (59%)
- Blue (84%)



- Red (42%)
- Yellow (54%)
- Blue (84%)



- Cyan (50%)
- Magenta (30%)
- Yellow (0%)
- Black (16%)



- Cyan (58%)
- Magenta (41%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7050967 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 7050967 by changing the saturation by 10% instead.



■ 7050967

■ 7050967

16777215

■ 5143739

■ 10800383

■ 3171488

■ 12642559

■ 150661

■ 14548991

■ 13932

■ 16515071

■ 8531

■ 2108

■ 549

■ 270

■ 0

■ 7050967

■ 7050967

■ 5671383

■ 8496087

■ 4226263

■ 9875671

■ 2781143

■ 11320791

■ 1401559

■ 12700375

■ 22231

■ 14145495

■ 15525079

■ 16773591

■ 16776919

■ 16777175

# Harmonies

## Analogous

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



2007249



7050967



10521291

# Triad

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



7050967



13794928



5743735

# Complementary

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



7050967



14134379

# 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.



8494684



7050967



12683608

# Square

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



7050967



13925008



10785873



1549977

# Rectangle

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



7050967



12157627



10785873



6726253



# Sweetspot

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



7050967



14280959



7067564



6910592



0



8421504

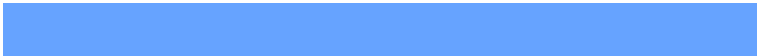


# Same Dimension

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



7050967



6726655



7760855



6317419



17579



4395



# Inverse Universe

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



14117782



16737955



13424491



7037029



11206724

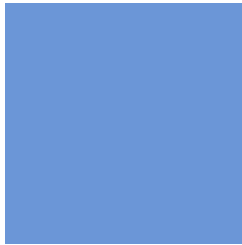


2818065



# Previews

## White Background



This preview shows how the Decimal color 7050967 looks on a white background.

## Color Contrast Check

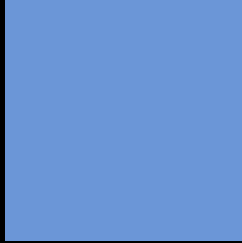
Large Text (above 18pt) WCAG AA ✓ Pass

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 7050967 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

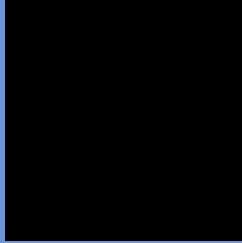
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

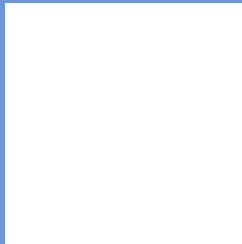
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7050967 Background



This preview shows how black text looks on a background with the Decimal color 7050967.




This preview shows how white text looks on a background with the Decimal color 7050967.

# 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](#).

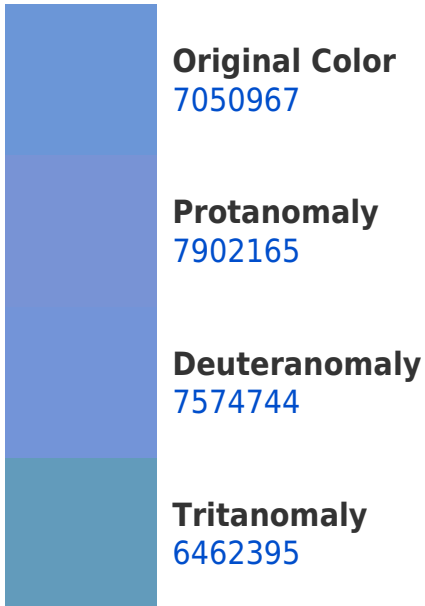
## Dichromacy



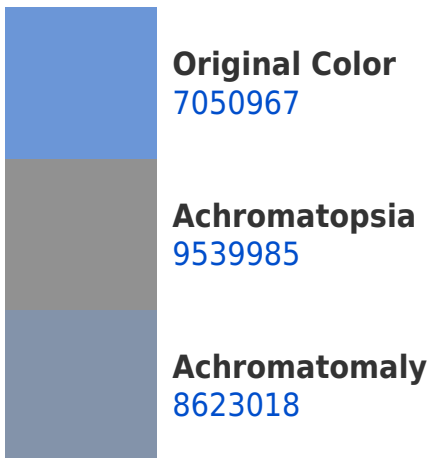


**Tritanopia**  
6135467

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7050967 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 #6B96D7 looks like.

```
.text, #text, p{  
    color:#6B96D7  
}
```

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 #6B96D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B96D7
}
```

## Border

The CSS property to change the border of an element to Decimal 7050967 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
#6B96D7 }
```

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

```
.border{ border-color:#6B96D7 }
```

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

Here you see how a box with a 4 pixel #6B96D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B96D7; -webkit-box-shadow:4px 4px  
4px 4px #6B96D7; box-shadow:4px 4px 4px  
4px #6B96D7 }
```

# Background

The CSS property to change the background color of an element to Decimal 7050967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B96D7 }
```

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

```
.background{ background-color:#6B96D7 }
```

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