

# Converting Colors

Decimal(7103198)

Have a look what the booklet for  
Decimal(7103198) contains.

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# Color

**Decimal(7103198)**

# Conversions

Conversions Part 1	
Format	Color
Hex	6C62DE
RGB	108, 98, 222
RGB Percent	42%, 38%, 87%
CMY	0.5765, 0.6157, 0.1294
CMYK	0.51, 0.56, 0.00, 0.13
HSL	245°, 65%, 63%
HSV	245°, 56%, 87%
XYZ	23.7368, 17.1974, 71.1756
YIQ	115.1260, -33.8440, 40.6840

# Conversions

## Conversions Part 2

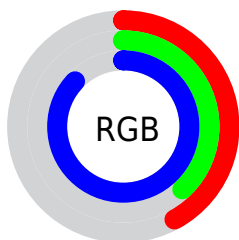
Format	Color
<a href="#">RYB</a>	<a href="#">108, 98, 222</a>
Decimal	<a href="#">7103198</a>
CIELab	<a href="#">48.51, 36.82, -62.35</a>
CIELCh	<a href="#">49, 72.414, 300.561</a>
Yxy	<a href="#">17.1974, 0.2117, 0.1534</a>
Android (android.graphics.Color)	<a href="#">4285293278</a> (0xFF6C62DE)
YUV	<a href="#">115.1260, 52.6889, -6.2495</a>
Hunter-Lab	<a href="#">41.4698, 29.5992, -72.7320</a>

# Details

The Decimal color **7103198** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **13950562**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **10982911**, and **2896806** is the 20% darker color. If you saturate the color by 10%, you get **5786846**, and if you desaturate by 10%, it is **8419550**.

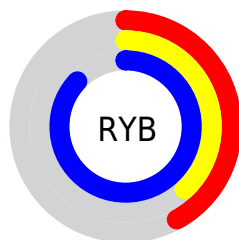
# Distribution



Red (42%)

Green (38%)

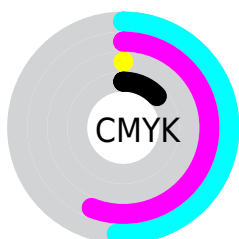
Blue (87%)



Red (42%)

Yellow (38%)

Blue (87%)

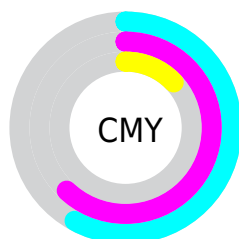


Cyan (51%)

Magenta (56%)

Yellow (0%)

Black (13%)



Cyan (58%)

Magenta (62%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7103198 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 7103198 by changing the saturation by 10% instead.



 7103198

 7103198

16777215

 5130946

 10982911

 2896806

 12890367

 7563

 14863359

 2417

 16771327

 87


 1599

 808

 274

 0

 7103198

 7103198


 5786846

 8419550

 4404958

 9801438

 3088350

 11118046

 1706462

 12499934

 1179870

 13816286

 15132638

 16514526

 16777182

# Harmonies

## Analogous

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



31727



7103198



12271281

# Triad

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



7103198



12211968



36211

# Complementary

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



7103198



13950562

# 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.



35122



7103198



9138432

# Square

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



7103198



14103609



5079296



36272

# Rectangle

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



7103198



13903241



5079296



35933



# Sweetspot

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



7103198



14144767



6477534



6841984



0



8421504



# Same Dimension

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



7103198



6444287



11035358



6710640



917680



262192



# Inverse Universe

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



14574292



16733425



10018402



7365999



11534498

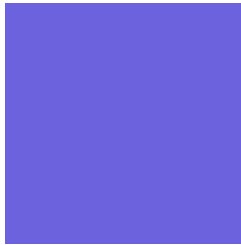


3145773



# Previews

## White Background



This preview shows how the Decimal color 7103198 looks on a white background.

## Color Contrast Check

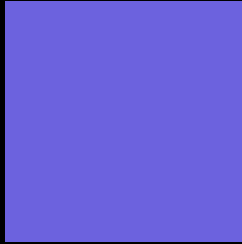
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 7103198  
looks on a black 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

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



## Decimal 7103198 Background



This preview shows how black text looks on a background with the Decimal color 7103198.



This preview shows how white text looks on a background with the Decimal color 7103198.

# 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



## Trichromacy



**Original Color**

7103198



**Protanomaly**

2583271



**Tritanomaly**

5927332

## Monochromacy



**Original Color**

7103198



**Achromatopsia**

7566195



**Achromatomaly**

7368090

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7103198 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 #6C62DE looks like.

```
.text, #text, p{  
    color:#6C62DE  
}
```

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 #6C62DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C62DE
}
```

## Border

The CSS property to change the border of an element to Decimal 7103198 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
#6C62DE }
```

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

```
.border{ border-color:#6C62DE }
```

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

Here you see how a box with a 4 pixel #6C62DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C62DE; -webkit-box-shadow:4px 4px  
4px 4px #6C62DE; box-shadow:4px 4px 4px  
4px #6C62DE }
```

# Background

The CSS property to change the background color of an element to Decimal 7103198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C62DE }
```

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

```
.background{ background-color:#6C62DE }
```

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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