

# Converting Colors

Decimal(7178187)

Have a look what the booklet for  
Decimal(7178187) contains.

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# Color

**Decimal(7178187)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D87CB
RGB	109, 135, 203
RGB Percent	43%, 53%, 80%
CMY	0.5725, 0.4706, 0.2039
CMYK	0.46, 0.33, 0.00, 0.20
HSL	223°, 47%, 61%
HSV	223°, 46%, 80%
XYZ	25.7501, 24.8910, 59.9472
YIQ	134.9780, -37.3240, 15.6360

# Conversions

## Conversions Part 2

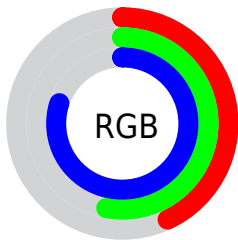
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 129, 203
Decimal	7178187
CIELab	56.97, 9.01, -38.11
CIELCh	57, 39.162, 283.301
Yxy	24.8910, 0.2328, 0.2251
Android (android.graphics.Color)	4285368267 (0xFF6D87CB)
YUV	134.9780, 33.5348, -22.7827
Hunter-Lab	49.8908, 4.8202, -36.3173

# Details

The Decimal color **7178187** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **13349229**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **10796287**, and **3495572** is the 20% darker color. If you saturate the color by 10%, you get **5863627**, and if you desaturate by 10%, it is **8492747**.

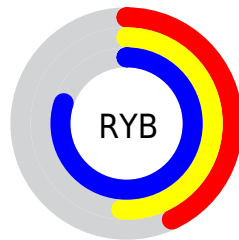
# Distribution



Red (43%)

Green (53%)

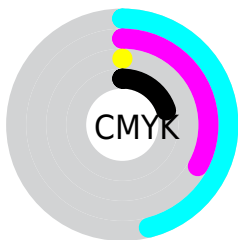
Blue (80%)



Red (43%)

Yellow (51%)

Blue (80%)

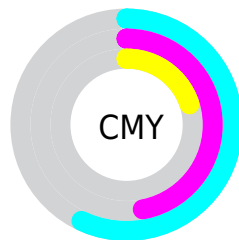


Cyan (46%)

Magenta (33%)

Yellow (0%)

Black (20%)



Cyan (57%)

Magenta (47%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7178187 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 7178187 by changing the saturation by 10% instead.



■ 7178187

■ 7178187

16777215

■ 5402287

■ 10796287

■ 3495572

■ 12703999

■ 1261434

■ 14611711

■ 10593

■ 16515071

■ 5705

■ 1074

■ 540

■ 0

■ 7178187

■ 7178187

■ 5863627

■ 8492747

■ 4483787

■ 9872587

■ 3169227

■ 11187147

■ 1854667

■ 12501707

■ 540363

■ 13881547

■ 14539

■ 15196107

■ 16510667

■ 16776395

■ 16777163

# Harmonies

## Analogous

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



1610442



7178187



10451643

# Triad

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



7178187



12809307



3709300

# Complementary

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



7178187



13349229

# 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.



6919253



7178187



11436103

# Square

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



7178187



13266299



9407556



39575

# Rectangle

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



7178187



11956904



9407556



4954217



# Sweetspot

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



7178187



14411263



7195568



6975616



0



8421504



# Same Dimension

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



7178187



7379199



8482251



6053734



11942



2854



# Inverse Universe

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



13331847



16740504



12045165



6708319



10879022

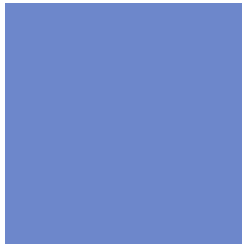


2490379



# Previews

## White Background



This preview shows how the Decimal color 7178187 looks on a white background.

## Color Contrast Check

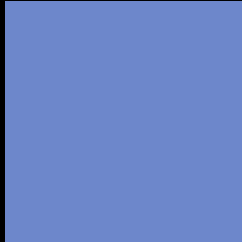
Large Text (above 18pt) WCAG AA ✓ Pass

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 7178187 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 7178187 Background



This preview shows how black text looks on a background with the Decimal color 7178187.

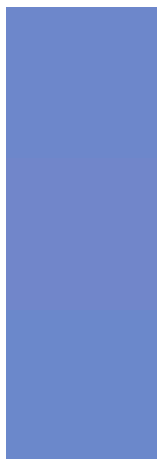


This preview shows how white text looks on a background with the Decimal color 7178187.

# 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



**Original Color**

7178187

**Protanopia**

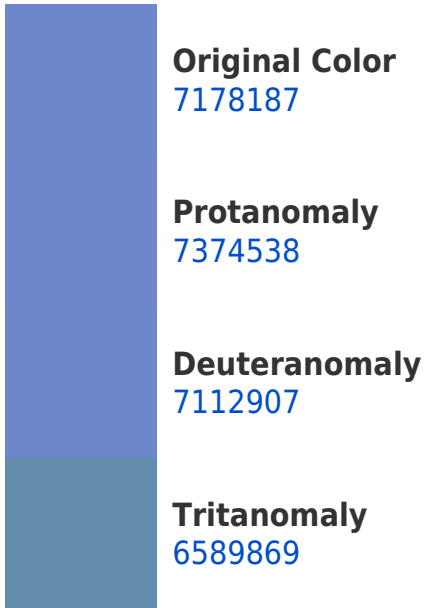
7440074

**Deuteranopia**

7047371



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7178187 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 #6D87CB looks like.

```
.text, #text, p{  
    color:#6D87CB  
}
```

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 #6D87CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D87CB  
}
```

## Border

The CSS property to change the border of an element to Decimal 7178187 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  
#6D87CB }
```

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

```
.border{ border-color:#6D87CB }
```

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

Here you see how a box with a 4 pixel #6D87CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D87CB; -webkit-box-shadow:4px 4px  
4px 4px #6D87CB; box-shadow:4px 4px 4px  
4px #6D87CB }
```

# Background

The CSS property to change the background color of an element to Decimal 7178187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D87CB }
```

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

```
.background{ background-color:#6D87CB }
```

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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