

# Converting Colors

Decimal(7239083)

Have a look what the booklet for  
Decimal(7239083) contains.

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# Color

**Decimal(7239083)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E75AB
RGB	110, 117, 171
RGB Percent	43%, 46%, 67%
CMY	0.5686, 0.5412, 0.3294
CMYK	0.36, 0.32, 0.00, 0.33
HSL	233°, 27%, 55%
HSV	233°, 36%, 67%
XYZ	20.1424, 18.9779, 41.1296
YIQ	121.0630, -21.5060, 15.3100

# Conversions

## Conversions Part 2

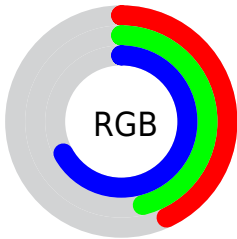
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 116, 171
Decimal	7239083
CIE <sub>Lab</sub>	50.66, 10.77, -29.64
CIE <sub>LCh</sub>	51, 31.537, 289.961
Yxy	18.9779, 0.2510, 0.2365
Android (android.graphics.Color)	4285429163 (0xFF6E75AB)
YUV	121.0630, 24.6189, -9.7023
Hunter-Lab	43.5636, 6.2964, -25.4828

# Details

The Decimal color **7239083** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11248750**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **10725859**, and **3884406** is the 20% darker color. If you saturate the color by 10%, you get **6121131**, and if you desaturate by 10%, it is **8357035**.

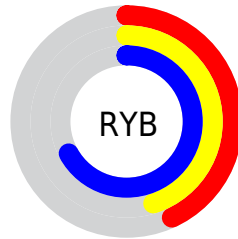
# Distribution



Red (43%)

Green (46%)

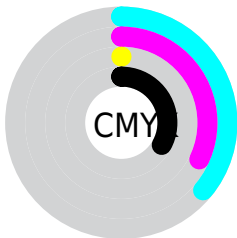
Blue (67%)



Red (43%)

Yellow (45%)

Blue (67%)

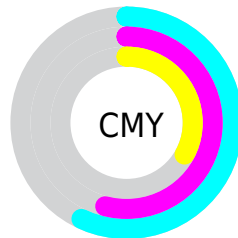


Cyan (36%)

Magenta (32%)

Yellow (0%)

Black (33%)



Cyan (57%)

Magenta (54%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7239083 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 7239083 by changing the saturation by 10% instead.



■ 7239083

■ 7239083

16777215

■ 5528720

■ 10725859

■ 3884406

■ 12567807

■ 2240350

■ 14409983

■ 203334

■ 16317951

■ 47

■ 281

■ 0

■ 7239083

■ 7239083

■ 6121131

■ 8357035

■ 5003179

■ 9474987

■ 3885227

■ 10592939

■ 2767019

■ 11711147

■ 1649067

■ 12829099

■ 465579

■ 14012587

■ 5291

■ 15130539

■ 16248491

■ 16776619

# Harmonies

## Analogous

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



4095661



7239083



9530267

# Triad

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



7239083



10840913



3442286

# Complementary

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



7239083



11248750

# 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.



5866325



7239083



9598019

# Square

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



7239083



11363432



7896389



34698

# Rectangle

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



7239083



10577548



7896389



4293989



# Sweetspot

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



7239083



12962014



7252900



6447984



15790320



7368816



# Same Dimension

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



7239083



8292830



8744619



5132119



4502



791



# Inverse Universe

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



11234933



14581385



9743214



5721679



9830417

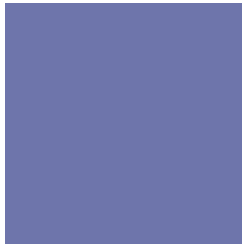


1507331



# Previews

## White Background



This preview shows how the Decimal color 7239083 looks on a white background.

## Color Contrast Check

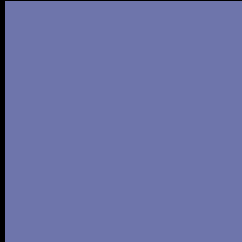
Large Text (above 18pt) WCAG AA ✓ Pass

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 7239083 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

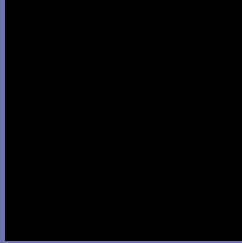
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 7239083 Background



This preview shows how black text looks on a background with the Decimal color 7239083.



This preview shows how white text looks on a background with the Decimal color 7239083.

# 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**

7239083

**Protanopia**

6780844

**Deuteranopia**

6715307



# Trichromacy



**Original Color**  
7239083

**Protanomaly**  
6977196

**Deuteranomaly**  
6911659

**Tritanomaly**  
6912403

# Monochromacy



**Original Color**  
7239083

**Achromatopsia**  
7960953

**Achromatomaly**  
7698571

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7239083 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 #6E75AB looks like.

```
.text, #text, p{  
    color:#6E75AB  
}
```

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 #6E75AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E75AB
}
```

## Border

The CSS property to change the border of an element to Decimal 7239083 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".

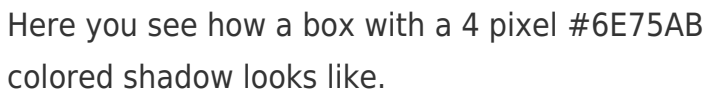
```
.border, #border, table{ border:4px solid
#6E75AB }
```

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

```
.border{ border-color:#6E75AB }
```

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

Here you see how a box with a 4 pixel #6E75AB colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E75AB; -webkit-box-shadow:4px 4px  
4px 4px #6E75AB; box-shadow:4px 4px 4px  
4px #6E75AB }
```

# Background

The CSS property to change the background color of an element to Decimal 7239083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E75AB }
```

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

```
.background{ background-color:#6E75AB }
```

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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