

# Converting Colors

Decimal(7237300)

Have a look what the booklet for  
Decimal(7237300) contains.

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# Color

**Decimal(7237300)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E6EB4
RGB	110, 110, 180
RGB Percent	43%, 43%, 71%
CMY	0.5686, 0.5686, 0.2941
CMYK	0.39, 0.39, 0.00, 0.29
HSL	240°, 32%, 57%
HSV	240°, 39%, 71%
XYZ	20.2446, 17.7621, 45.5414
YIQ	117.9800, -22.4700, 21.7700

# Conversions

## Conversions Part 2

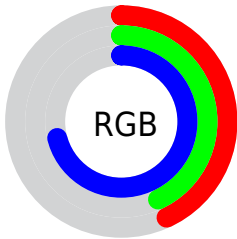
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 110, 180
Decimal	7237300
CIE <sub>Lab</sub>	49.21, 17.54, -37.15
CIE <sub>LCh</sub>	49, 41.079, 295.277
Yxy	17.7621, 0.2423, 0.2126
Android (android.graphics.Color)	4285427380 (0xFF6E6EB4)
YUV	117.9800, 30.5759, -6.9985
Hunter-Lab	42.1452, 11.9890, -34.5663

# Details

The Decimal color **7237300** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11842670**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **10789356**, and **3817343** is the 20% darker color. If you saturate the color by 10%, you get **6053044**, and if you desaturate by 10%, it is **8421556**.

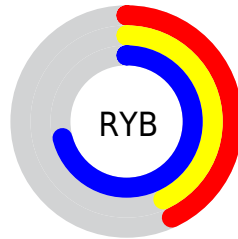
# Distribution



Red (43%)

Green (43%)

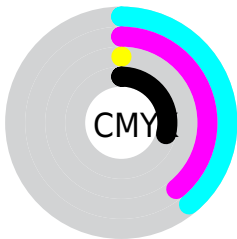
Blue (71%)



Red (43%)

Yellow (43%)

Blue (71%)

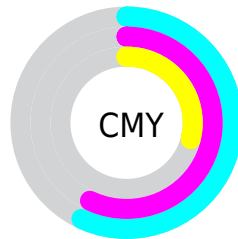


Cyan (39%)

Magenta (39%)

Yellow (0%)

Black (29%)



Cyan (57%)

Magenta (57%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7237300 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 7237300 by changing the saturation by 10% instead.



■ 7237300

■ 7237300

16777215

■ 5527193

■ 10789356

■ 3817343

■ 12631551

■ 1976677

■ 14539007

■ 5453

■ 16446975

■ 54

■ 544

■ 3

■ 0

■ 7237300

■ 7237300

■ 6053044

■ 8421556

■ 4868788

■ 9605812

■ 3684532

■ 10790068

■ 2500276

■ 11974324

■ 1316020

■ 13158580

■ 131764

■ 14342836

■ 180

■ 15527092

■ 16711348

■ 16777140

# Harmonies

## Analogous

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



1669818



7237300



10182813

# Triad

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



7237300



11035708



34414

# Complementary

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



7237300



11842670

# 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.



4227916



7237300



9335085

# Square

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



7237300



11884889



7109683



34450

# Rectangle

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



7237300



11295112



7109683



296290



# Sweetspot

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



7237300



13553387



7255220



6645109



16119285



7697781



# Same Dimension

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



7237300



8158443



9531060



5263449



153



26



# Inverse Universe

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



11824820



15432939



9548910



5853273



10027161

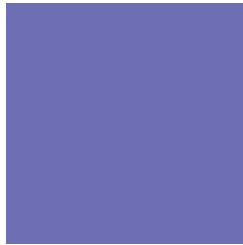


1703962



# Previews

## White Background



This preview shows how the Decimal color 7237300 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 7237300 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 7237300 Background



This preview shows how black text looks on a background with the Decimal color 7237300.




This preview shows how white text looks on a background with the Decimal color 7237300.

# 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](#).

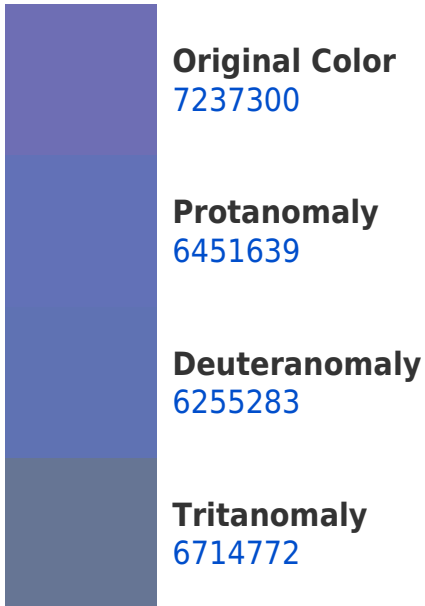
## Dichromacy





**Tritanopia**  
6453634

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7237300 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 #6E6EB4 looks like.

```
.text, #text, p{  
    color:#6E6EB4  
}
```

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 #6E6EB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E6EB4
}
```

## Border

The CSS property to change the border of an element to Decimal 7237300 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
#6E6EB4 }
```

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

```
.border{ border-color:#6E6EB4 }
```

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

Here you see how a box with a 4 pixel #6E6EB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E6EB4; -webkit-box-shadow:4px 4px  
4px 4px #6E6EB4; box-shadow:4px 4px 4px  
4px #6E6EB4 }
```

# Background

The CSS property to change the background color of an element to Decimal 7237300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E6EB4 }
```

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

```
.background{ background-color:#6E6EB4 }
```

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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