

# Converting Colors

Decimal(7232666)

Have a look what the booklet for  
Decimal(7232666) contains.

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# Color

**Decimal(7232666)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E5C9A
RGB	110, 92, 154
RGB Percent	43%, 36%, 60%
CMY	0.5686, 0.6392, 0.3961
CMYK	0.29, 0.40, 0.00, 0.40
HSL	257°, 25%, 48%
HSV	257°, 40%, 60%
XYZ	16.0903, 13.3024, 32.2914
YIQ	104.4500, -9.1740, 23.0980

# Conversions

## Conversions Part 2

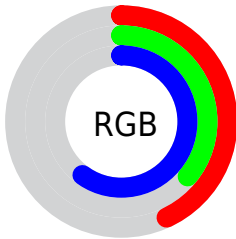
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">110, 92, 154</a>
Decimal	<a href="#">7232666</a>
CIELab	<a href="#">43.22, 21.36, -31.28</a>
CIELCh	<a href="#">43, 37.875, 304.325</a>
Yxy	<a href="#">13.3024, 0.2608, 0.2157</a>
Android (android.graphics.Color)	<a href="#">4285422746 (0xFF6E5C9A)</a>
YUV	<a href="#">104.4500, 24.4281, 4.8673</a>
Hunter-Lab	<a href="#">36.4724, 14.9208, -26.9626</a>

# Details

The Decimal color **7232666** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8952412**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **10718929**, and **3944038** is the 20% darker color. If you saturate the color by 10%, you get **6507930**, and if you desaturate by 10%, it is **7957402**.

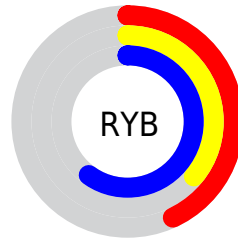
# Distribution



Red (43%)

Green (36%)

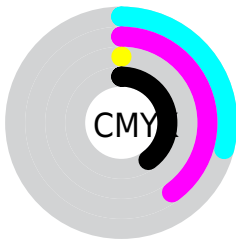
Blue (60%)



Red (43%)

Yellow (36%)

Blue (60%)

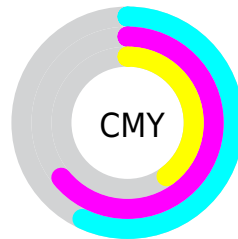


Cyan (29%)

Magenta (40%)

Yellow (0%)

Black (40%)



Cyan (57%)

Magenta (64%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7232666 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 7232666 by changing the saturation by 10% instead.





7232666



7232666

16777215



5588096



10718929



3944038



12560877



2365774



14402815



917559



16310527



545



16776703



6



0



7232666



7232666



6507930



7957402

■ 5782938

■ 8682394

■ 5058202

■ 9407130

■ 4333210

■ 10132122

■ 3608474

■ 10856858

■ 2949274

■ 11581594

■ 12306586

■ 12965786

■ 13690778

# Harmonies

## Analogous

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



3369124



7232666



9457794

# Triad

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



7232666



9263917



30314

# Complementary

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



7232666



8952412

# 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.



2520138



7232666



7628324

# Square

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



7232666



10309700



5467696



30089

# Rectangle

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



7232666



10242925



5467696



30047



# Sweetspot

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



7232666



12104137



6064282



6051942



15132390



6710886



# Same Dimension

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



7232666



8743369



9264282



4670797



2687116



262157



# Inverse Universe

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



10116232



13199789



6920796



5064010



9175140



851977



# Previews

## White Background



This preview shows how the Decimal color 7232666 looks on a white background.

## Color Contrast Check

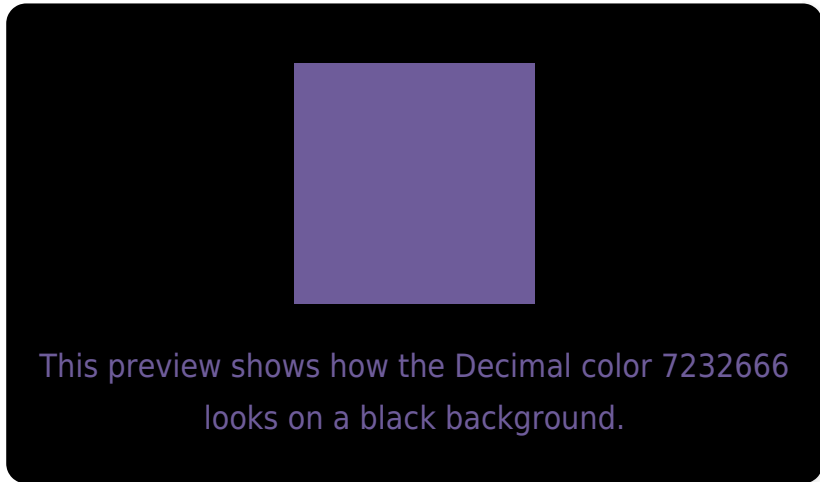
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

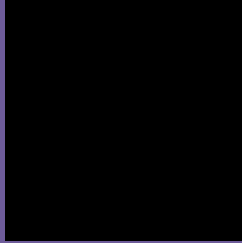
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7232666 Background



This preview shows how black text looks on a background with the Decimal color 7232666.



This preview shows how white text looks on a background with the Decimal color 7232666.

# 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**  
7232666

**Protanopia**  
5203105

**Deuteranopia**  
5269144



**Tritanopia**  
6645358

# Trichromacy



**Original Color**  
7232666

**Protanomaly**  
5923230

**Deuteranomaly**  
5989017

**Tritanomaly**  
6840958

# Monochromacy



**Original Color**  
7232666

**Achromatopsia**  
6842472

**Achromatomaly**  
6972538

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7232666 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 #6E5C9A looks like.

```
.text, #text, p{  
    color:#6E5C9A  
}
```

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 #6E5C9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E5C9A
}
```

## Border

The CSS property to change the border of an element to Decimal 7232666 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
#6E5C9A }
```

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

```
.border{ border-color:#6E5C9A }
```

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

Here you see how a box with a 4 pixel #6E5C9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E5C9A; -webkit-box-shadow:4px 4px  
4px 4px #6E5C9A; box-shadow:4px 4px 4px  
4px #6E5C9A }
```

# Background

The CSS property to change the background color of an element to Decimal 7232666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E5C9A }
```

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

```
.background{ background-color:#6E5C9A }
```

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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