

# Converting Colors

Decimal(7300746)

Have a look what the booklet for  
Decimal(7300746) contains.

<b>Decimal(7300746)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(7300746)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F668A
RGB	111, 102, 138
RGB Percent	44%, 40%, 54%
CMY	0.5647, 0.6000, 0.4588
CMYK	0.20, 0.26, 0.00, 0.46
HSL	255°, 15%, 47%
HSV	255°, 26%, 54%
XYZ	15.8944, 14.7172, 26.0477
YIQ	108.7950, -6.1920, 13.1040

# Conversions

## Conversions Part 2

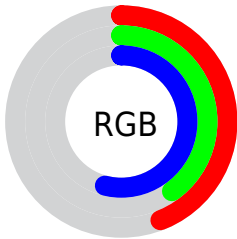
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 102, 138
Decimal	7300746
CIE <sub>Lab</sub>	45.24, 11.48, -18.56
CIE <sub>LCh</sub>	45, 21.827, 301.744
Yxy	14.7172, 0.2805, 0.2597
Android (android.graphics.Color)	4285490826 (0xFF6F668A)
YUV	108.7950, 14.3981, 1.9338
Hunter-Lab	38.3630, 6.8198, -13.4026

# Details

The Decimal color **7300746** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8489574**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **10721728**, and **4142936** is the 20% darker color. If you saturate the color by 10%, you get **6641802**, and if you desaturate by 10%, it is **7959690**.

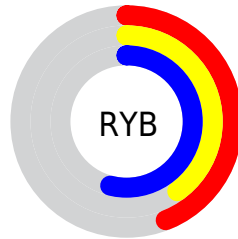
# Distribution



Red (44%)

Green (40%)

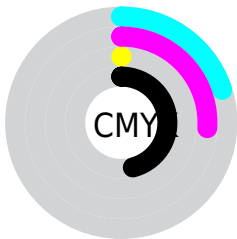
Blue (54%)



Red (44%)

Yellow (40%)

Blue (54%)

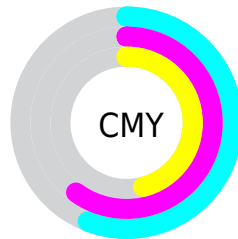


Cyan (20%)

Magenta (26%)

Yellow (0%)

Black (46%)



Cyan (56%)

Magenta (60%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7300746 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 7300746 by changing the saturation by 10% instead.



7300746

7300746

16777215

5656176

10721728

4142936

12498139

2630208

14340088

1248298

16248063

277

0

7300746

7300746

6641802

7959690

5917322

8684170

■ 5258634

■ 9342858

■ 4599690

■ 10001802

■ 3875210

■ 10726282

■ 3216266

■ 11385226

■ 2557322

■ 12044170

■ 2293898

■ 12768394

■ 13427338

# Harmonies

## Analogous

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



5598351



7300746



8609917

# Triad

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



7300746



8807500



3831148

# Complementary

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



7300746



8489574

# 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.



5141337



7300746



7825991

# Square

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



7300746



9396057



6516812



3175550

# Rectangle

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



7300746



9199217



6516812



4224357



# Sweetspot

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



7300746



11052211



6717834



5460057



14277081



5855577



# Same Dimension

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



7300746



9010099



8480394



4210245



2162821



65541



# Inverse Universe

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



9070209



11762597



7309926



4537923



8716387



327684



# Previews

## White Background



This preview shows how the Decimal color 7300746 looks on a white background.

## Color Contrast Check

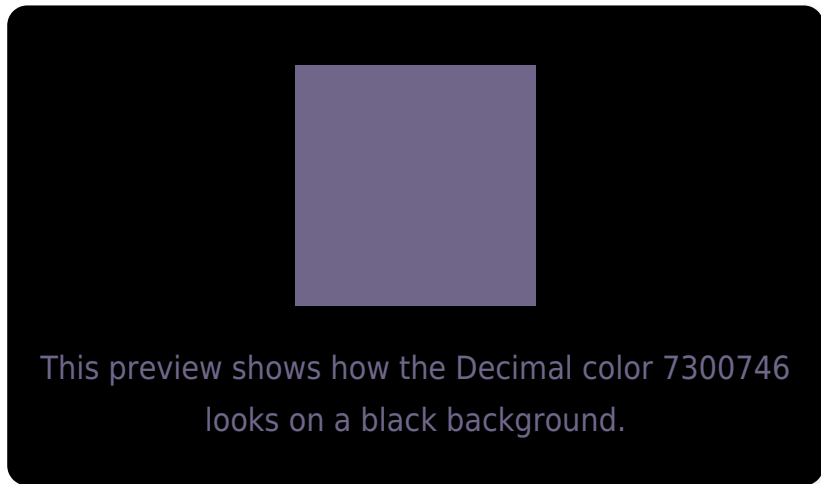
Large Text (above 18pt) WCAG AA ✓ Pass

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

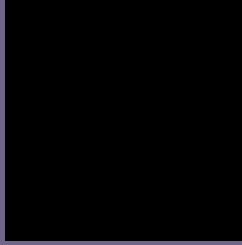
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7300746 Background



This preview shows how black text looks on a background with the Decimal color 7300746.



This preview shows how white text looks on a background with the Decimal color 7300746.

# 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**


7300746

**Protanopia**

6449805

**Deuteranopia**

6711689



**Tritanopia**  
7039603

# Trichromacy



**Original Color**

7300746

**Protanomaly**

6777228

**Deuteranomaly**

6908041

**Tritanomaly**

7104891

# Monochromacy



**Original Color**

7300746

**Achromatopsia**

7171437

**Achromatomaly**

7236216

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7300746 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 #6F668A looks like.

```
.text, #text, p{  
    color:#6F668A  
}
```

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 #6F668A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F668A
}
```

## Border

The CSS property to change the border of an element to Decimal 7300746 is called "border". The border property can be set on classes, ids or directly on the HTML element.

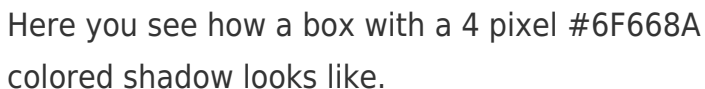
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F668A }
```

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

```
.border{ border-color:#6F668A }
```

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



Here you see how a box with a 4 pixel #6F668A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F668A; -webkit-box-shadow:4px 4px  
4px 4px #6F668A; box-shadow:4px 4px 4px  
4px #6F668A }
```

# Background

The CSS property to change the background color of an element to Decimal 7300746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F668A }
```

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

```
.background{ background-color:#6F668A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor