

# Converting Colors

Decimal(7363747)

Have a look what the booklet for  
Decimal(7363747) contains.

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# Color

**Decimal(7363747)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	705CA3
RGB	112, 92, 163
RGB Percent	44%, 36%, 64%
CMY	0.5608, 0.6392, 0.3608
CMYK	0.31, 0.44, 0.00, 0.36
HSL	257°, 28%, 50%
HSV	257°, 44%, 64%
XYZ	17.1201, 13.7434, 36.4007
YIQ	106.0740, -10.8710, 26.3210

# Conversions

## Conversions Part 2

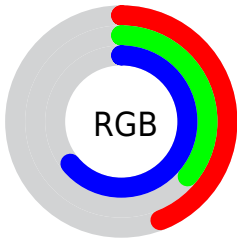
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 92, 163
Decimal	7363747
CIE <sub>Lab</sub>	43.86, 24.35, -35.60
CIE <sub>LCh</sub>	44, 43.126, 304.370
Yxy	13.7434, 0.2545, 0.2043
Android (android.graphics.Color)	4285553827 (0xFF705CA3)
YUV	106.0740, 28.0645, 5.1971
Hunter-Lab	37.0721, 17.5562, -32.2659

# Details

The Decimal color **7363747** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9413468**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **10915802**, and **4009583** is the 20% darker color. If you saturate the color by 10%, you get **6573219**, and if you desaturate by 10%, it is **8154275**.

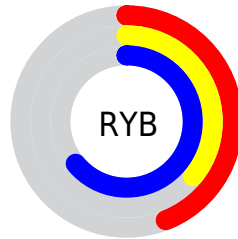
# Distribution



Red (44%)

Green (36%)

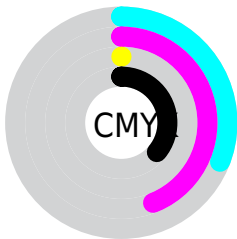
Blue (64%)



Red (44%)

Yellow (36%)

Blue (64%)

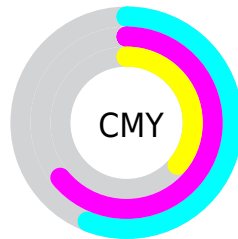


Cyan (31%)

Magenta (44%)

Yellow (0%)

Black (36%)



Cyan (56%)

Magenta (64%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7363747 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 7363747 by changing the saturation by 10% instead.





7363747



7363747

16777215



5653640



10915802



4009583



12691959



2365526



14599423



655422



16507135



808



16776703



273



0



7363747



7363747



6573219



8154275

■ 5847971

■ 8879523

■ 5057443

■ 9670051

■ 4266915

■ 10460579

■ 3476131

■ 11251363

■ 3014819

■ 11976355

■ 12766883

■ 13557411

■ 14282659

# Harmonies

## Analogous

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



2255535



7363747



9915783

# Triad

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



7363747



9656870



31084

# Complementary

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



7363747



9413468

# 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.



1341255



7363747



7759898

# Square

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



7363747



10898753



5337385



30863

# Rectangle

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



7363747



10831984



5337385



31071



# Sweetspot

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



7363747



12630228



6066339



6249067



15461355



7039851



# Same Dimension

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



7363747



8742612



9591971



4999506



2687121



327698



# Inverse Universe

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



10706063



13919925



7185244



5392719



9502824



1179661



# Previews

## White Background



This preview shows how the Decimal color 7363747 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 7363747 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

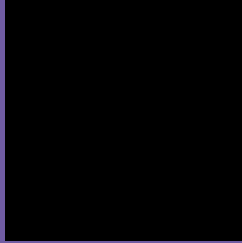
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7363747 Background



This preview shows how black text looks on a background with the Decimal color 7363747.



This preview shows how white text looks on a background with the Decimal color 7363747.

# 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**  
6711152

# Trichromacy



**Original Color**  
7363747

**Protanomaly**  
5792425

**Deuteranomaly**  
5792930

**Tritanomaly**  
6972291

# Monochromacy



**Original Color**  
7363747

**Achromatopsia**  
6974058

**Achromatomaly**  
7103871

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7363747 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 #705CA3 looks like.

```
.text, #text, p{  
    color:#705CA3  
}
```

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 #705CA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #705CA3
}
```

## Border

The CSS property to change the border of an element to Decimal 7363747 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
#705CA3 }
```

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

```
.border{ border-color:#705CA3 }
```

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

Here you see how a box with a 4 pixel #705CA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #705CA3; -webkit-box-shadow:4px 4px  
4px 4px #705CA3; box-shadow:4px 4px 4px  
4px #705CA3 }
```

# Background

The CSS property to change the background color of an element to Decimal 7363747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#705CA3 }
```

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

```
.background{ background-color:#705CA3 }
```

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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