

# Converting Colors

Decimal(6906749)

Have a look what the booklet for  
Decimal(6906749) contains.

<b>Decimal(6906749)</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(6906749)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	69637D
RGB	105, 99, 125
RGB Percent	41%, 39%, 49%
CMY	0.5882, 0.6118, 0.5098
CMYK	0.16, 0.21, 0.00, 0.51
HSL	254°, 12%, 44%
HSV	254°, 21%, 49%
XYZ	13.9892, 13.4076, 21.2527
YIQ	103.7580, -4.7700, 9.3580

# Conversions

## Conversions Part 2

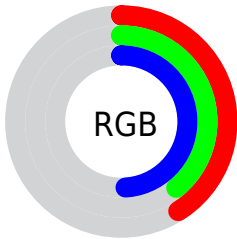
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 99, 125
Decimal	6906749
CIE <sub>Lab</sub>	43.37, 8.08, -13.65
CIE <sub>LCh</sub>	43, 15.863, 300.623
Yxy	13.4076, 0.2876, 0.2756
Android (android.graphics.Color)	4285096829 (0xFF69637D)
YUV	103.7580, 10.4723, 1.0892
Hunter-Lab	36.6164, 4.1168, -8.7812

# Details

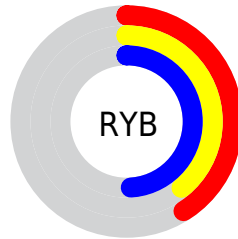
The Decimal color **6906749** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7830883**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **10262194**, and **3749196** is the 20% darker color. If you saturate the color by 10%, you get **6248061**, and if you desaturate by 10%, it is **7565437**.

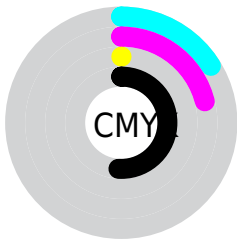
# Distribution



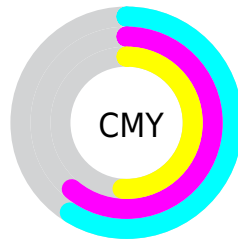
- Red (41%)
- Green (39%)
- Blue (49%)



- Red (41%)
- Yellow (39%)
- Blue (49%)



- Cyan (16%)
- Magenta (21%)
- Yellow (0%)
- Black (51%)



- Cyan (59%)
- Magenta (61%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6906749 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 6906749 by changing the saturation by 10% instead.



■ 6906749

■ 6906749

16777215

■ 5327716

■ 10262194

■ 3749196

■ 12038349

■ 2301749

■ 13880553

■ 1050400

■ 15722751

■ 5

■ 0

■ 6906749

■ 6906749

■ 6248061

■ 7565437

■ 5655165

■ 8158333

■ 4996477

■ 8817021

■ 4403581

■ 9409917

■ 3745149

■ 10068605

■ 3086461

■ 10727037

■ 2493565

■ 11320189

■ 1900669

■ 11978621

■ 12637309

# Harmonies

## Analogous

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



5728384



6906749



7888756

# Triad

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



6906749



8085840



4615782

# Complementary

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



6906749



7830883

# 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.



5467481



6906749



7366220

# Square

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



6906749



8478298



6449744



4287859

# Rectangle

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



6906749



8281451



6449744



4877922



# Sweetspot

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



6906749



10262947



6518653



5065810



13750737



5395026



# Same Dimension

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



6906749



8682147



7758717



3881280



1900672



0



# Inverse Universe

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



8217463



10713754



6978915



4208958



8388706



0



# Previews

## White Background



This preview shows how the Decimal color 6906749 looks on a white background.

## Color Contrast Check

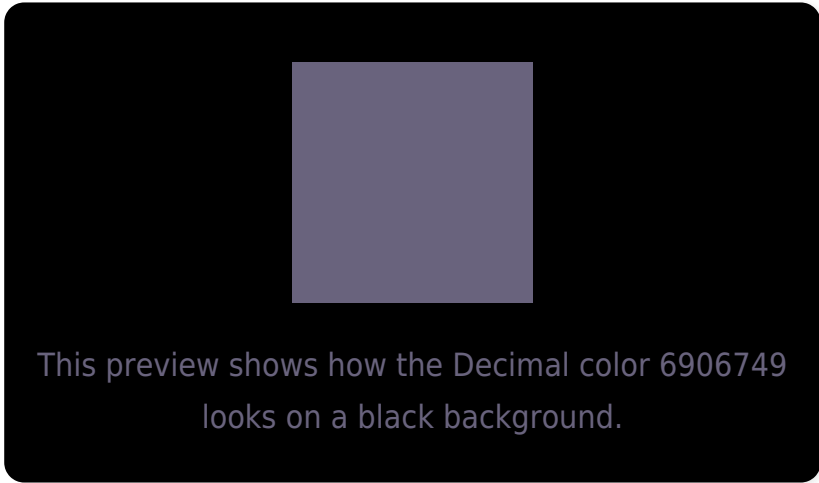
Large Text (above 18pt) WCAG AA ✓ Pass

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

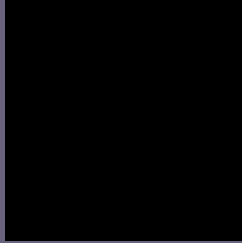
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6906749 Background



This preview shows how black text looks on a background with the Decimal color 6906749.



This preview shows how white text looks on a background with the Decimal color 6906749.

# 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**  
6906749

**Protanopia**  
6382975

**Deuteranopia**  
6644861



**Tritanopia**  
6710894

# Trichromacy



**Original Color**

6906749

**Protanomaly**

6579326

**Deuteranomaly**

6710397

**Tritanomaly**

6776179

# Monochromacy



**Original Color**

6906749

**Achromatopsia**

6842472

**Achromatomaly**

6841968

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6906749 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 #69637D looks like.

```
.text, #text, p{  
    color:#69637D  
}
```

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 #69637D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69637D
}
```

## Border

The CSS property to change the border of an element to Decimal 6906749 is called "border". The border property can be set on classes, ids or directly on the HTML element.

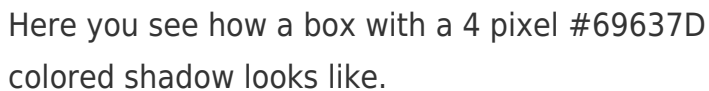
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#69637D }
```

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

```
.border{ border-color:#69637D }
```

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



Here you see how a box with a 4 pixel #69637D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69637D; -webkit-box-shadow:4px 4px  
4px 4px #69637D; box-shadow:4px 4px 4px  
4px #69637D }
```

# Background

The CSS property to change the background color of an element to Decimal 6906749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69637D }
```

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

```
.background{ background-color:#69637D }
```

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