

# Converting Colors

Decimal(7296633)

Have a look what the booklet for  
Decimal(7296633) contains.

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# Color

**Decimal(7296633)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F5679
RGB	111, 86, 121
RGB Percent	44%, 34%, 47%
CMY	0.5647, 0.6627, 0.5255
CMYK	0.08, 0.29, 0.00, 0.53
HSL	283°, 17%, 41%
HSV	283°, 29%, 47%
XYZ	13.3345, 11.4156, 19.5898
YIQ	97.4650, 3.6650, 16.1850

# Conversions

## Conversions Part 2

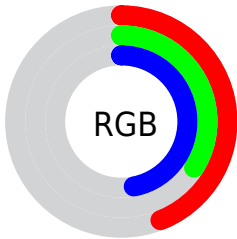
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 86, 121
Decimal	7296633
CIE <sub>Lab</sub>	40.27, 17.26, -15.89
CIE <sub>LCh</sub>	40, 23.455, 317.366
Yxy	11.4156, 0.3007, 0.2575
Android (android.graphics.Color)	4285486713 (0xFF6F5679)
YUV	97.4650, 11.6028, 11.8702
Hunter-Lab	33.7869, 11.3206, -10.7257

# Details

The Decimal color **7296633** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6322518**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **10717357**, and **4139080** is the 20% darker color. If you saturate the color by 10%, you get **7096953**, and if you desaturate by 10%, it is **7496313**.

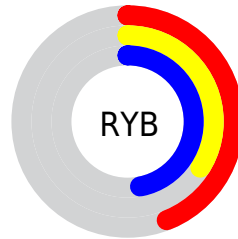
# Distribution



Red (44%)

Green (34%)

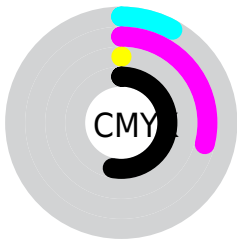
Blue (47%)



Red (44%)

Yellow (34%)

Blue (47%)

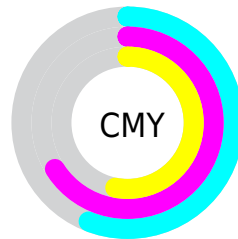


Cyan (8%)

Magenta (29%)

Yellow (0%)

Black (53%)



Cyan (56%)

Magenta (66%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7296633 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 7296633 by changing the saturation by 10% instead.





7296633



7296633

16777215



5652320



10717357



4139080



12493513



2626354



14335461



1507357



16243199



0



16774911



7296633



7296633



7096953



7496313



6831737



7761529

6632057

7961209

6366841

8226425

6166905

8426361

5901689

8691577

5702009

8891257

5636217

9156473

9356153

# Harmonies

## Analogous

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



5594499



7296633



8343912

# Triad

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



7296633



7559994



1796458

# Complementary

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



7296633



6322518

# 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.



3369302



7296633



6381882

# Square

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



7296633



8410436



4941380



1730426

# Rectangle

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



7296633



8671323



4941380



2320739



# Sweetspot

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



7296633



10129566



5660793



5064271



13619151



5197647



# Same Dimension

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



7296633



9332638



7951986



3880765



5832829



11796732



# Inverse Universe

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



7951968



10381175



5667165



4011833



8192036

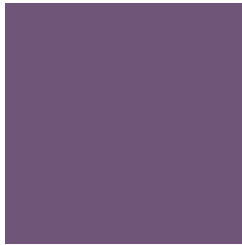


16515144



# Previews

## White Background



This preview shows how the Decimal color 7296633 looks on a white background.

## Color Contrast Check

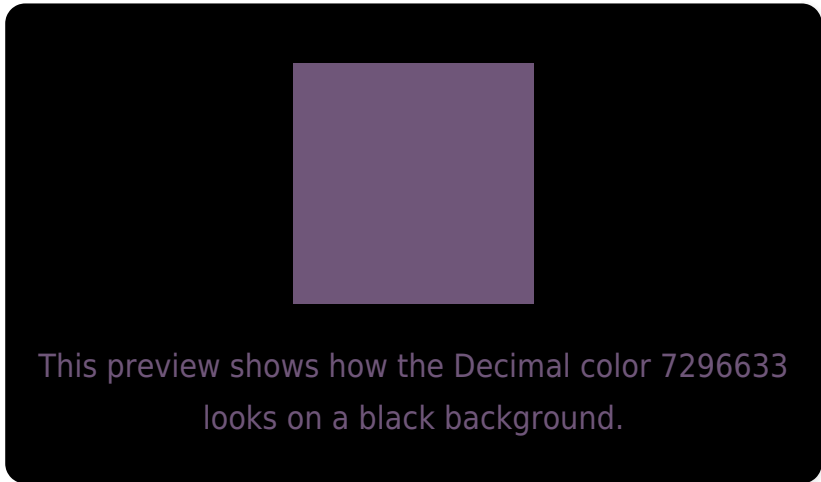
Large Text (above 18pt) WCAG AA ✓ Pass

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

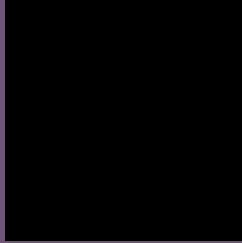
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7296633 Background



This preview shows how black text looks on a background with the Decimal color 7296633.



This preview shows how white text looks on a background with the Decimal color 7296633.

# 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**  
7296633

**Protanopia**  
5660287

**Deuteranopia**  
6053240



**Tritanopia**  
7035490

# Trichromacy



**Original Color**

7296633

**Protanomaly**

6249341

**Deuteranomaly**

6511224

**Tritanomaly**

7100778

# Monochromacy



**Original Color**

7296633

**Achromatopsia**

6381921

**Achromatomaly**

6708586

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7296633 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 #6F5679 looks like.

```
.text, #text, p{  
  color:#6F5679  
}
```

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 #6F5679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F5679
}
```

## Border

The CSS property to change the border of an element to Decimal 7296633 is called "border". The border property can be set on classes, ids or directly on the HTML element.

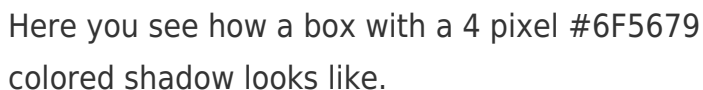
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F5679 }
```

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

```
.border{ border-color:#6F5679 }
```

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



Here you see how a box with a 4 pixel #6F5679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F5679; -webkit-box-shadow:4px 4px  
4px 4px #6F5679; box-shadow:4px 4px 4px  
4px #6F5679 }
```

# Background

The CSS property to change the background color of an element to Decimal 7296633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F5679 }
```

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

```
.background{ background-color:#6F5679 }
```

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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