

# Converting Colors

Decimal(7036027)

Have a look what the booklet for  
Decimal(7036027) contains.

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# Color

**Decimal(7036027)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B5C7B
RGB	107, 92, 123
RGB Percent	42%, 36%, 48%
CMY	0.5804, 0.6392, 0.5176
CMYK	0.13, 0.25, 0.00, 0.52
HSL	269°, 14%, 42%
HSV	269°, 25%, 48%
XYZ	13.4657, 12.2102, 20.3860
YIQ	100.0190, -1.0110, 12.8210

# Conversions

## Conversions Part 2

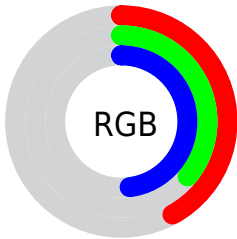
Format	Color
<b>R<sub>YB</sub></b>	107, 92, 123
Decimal	7036027
CIE Lab	41.55, 12.60, -15.20
CIE LCh	42, 19.741, 309.673
Yxy	12.2102, 0.2923, 0.2651
Android (android.graphics.Color)	4285226107 (0xFF6B5C7B)
YUV	100.0190, 11.3296, 6.1223
Hunter-Lab	34.9430, 7.6367, -10.1300

# Details

The Decimal color **7036027** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7109468**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **10456752**, and **3878474** is the 20% darker color. If you saturate the color by 10%, you get **6639739**, and if you desaturate by 10%, it is **7432315**.

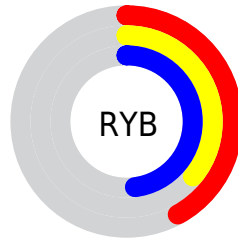
# Distribution



Red (42%)

Green (36%)

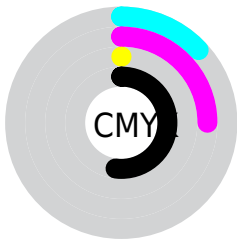
Blue (48%)



Red (42%)

Yellow (36%)

Blue (48%)

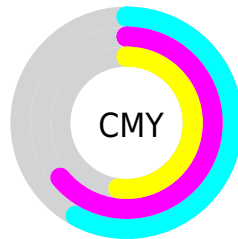


Cyan (13%)

Magenta (25%)

Yellow (0%)

Black (52%)



Cyan (58%)

Magenta (64%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7036027 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 7036027 by changing the saturation by 10% instead.



7036027

7036027

16777215

5456994

10456752

3878474

12233163

2431283

14009575

1179679

15917311

2

16776703

0

7036027

7036027

6639739

7432315

6177659

7894395

■ 5781371

■ 8290683

■ 5385083

■ 8686971

■ 4923003

■ 9149051

■ 4526715

■ 9545339

■ 4130427

■ 9941627

■ 3932283

■ 10403451

■ 10799995

# Harmonies

## Analogous

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



5595778



7036027



8083310

# Triad

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



7036027



7822660



3369831

# Complementary

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



7036027



7109468

# 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.



4418134



7036027



6841154

# Square

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



7036027



8476750



5662537



3107446

# Rectangle

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



7036027



8476259



5662537



3697505



# Sweetspot

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



7036027



10130593



6057083



5065042



13750737



5395026



# Same Dimension

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



7036027



8941729



8019067



3815229



3932285



7995644



# Inverse Universe

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



8084588



10580105



6126428



4011834



8192064

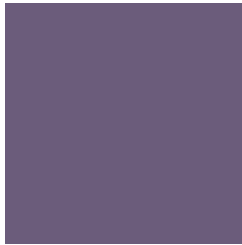


16515202



# Previews

## White Background



This preview shows how the Decimal color 7036027 looks on a white background.

## Color Contrast Check

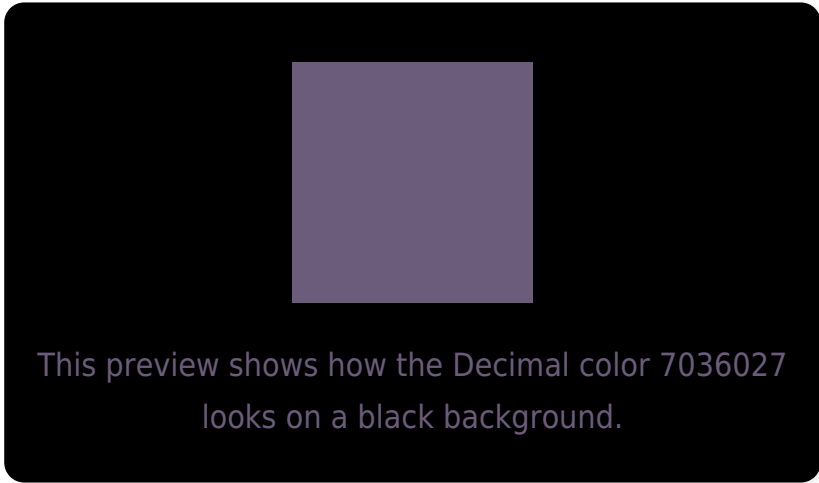
Large Text (above 18pt) WCAG AA ✓ Pass

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

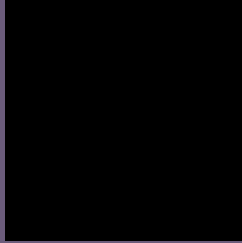
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 7036027 Background



This preview shows how black text looks on a background with the Decimal color 7036027.



This preview shows how white text looks on a background with the Decimal color 7036027.

# 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**  
7036027

**Protanopia**  
5923199

**Deuteranopia**  
6250618



**Tritanopia**  
6840423

# Trichromacy



**Original Color**  
7036027

**Protanomaly**  
6315902

**Deuteranomaly**  
6512506

**Tritanomaly**  
6905710

# Monochromacy



**Original Color**  
7036027

**Achromatopsia**  
6579300

**Achromatomaly**  
6775148

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7036027 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 #6B5C7B looks like.

```
.text, #text, p{  
    color:#6B5C7B  
}
```

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 #6B5C7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B5C7B
}
```

## Border

The CSS property to change the border of an element to Decimal 7036027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

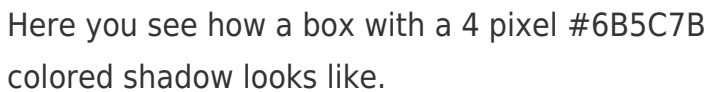
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B5C7B }
```

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

```
.border{ border-color:#6B5C7B }
```

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



Here you see how a box with a 4 pixel #6B5C7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B5C7B; -webkit-box-shadow:4px 4px  
4px 4px #6B5C7B; box-shadow:4px 4px 4px  
4px #6B5C7B }
```

# Background

The CSS property to change the background color of an element to Decimal 7036027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B5C7B }
```

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

```
.background{ background-color:#6B5C7B }
```

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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