

# Converting Colors

Decimal(7563897)

Have a look what the booklet for  
Decimal(7563897) contains.

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# Color

**Decimal(7563897)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	736A79
RGB	115, 106, 121
RGB Percent	45%, 42%, 47%
CMY	0.5490, 0.5843, 0.5255
CMYK	0.05, 0.12, 0.00, 0.53
HSL	276°, 7%, 45%
HSV	276°, 12%, 47%
XYZ	15.6755, 15.3334, 20.2226
YIQ	110.4010, 0.5490, 6.5730

# Conversions

## Conversions Part 2

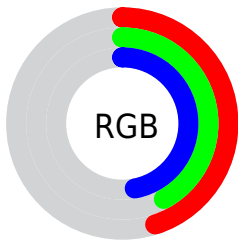
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 106, 121
Decimal	7563897
CIE Lab	46.09, 6.58, -7.06
CIE LCh	46, 9.652, 312.973
Yxy	15.3334, 0.3060, 0.2993
Android (android.graphics.Color)	4285753977 (0xFF736A79)
YUV	110.4010, 5.2253, 4.0333
Hunter-Lab	39.1579, 2.9299, -3.2091

# Details

The Decimal color **7563897** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7371114**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **10984877**, and **4406088** is the 20% darker color. If you saturate the color by 10%, you get **7233145**, and if you desaturate by 10%, it is **7894649**.

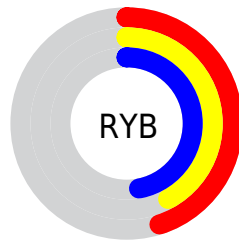
# Distribution



Red (45%)

Green (42%)

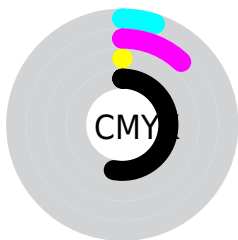
Blue (47%)



Red (45%)

Yellow (42%)

Blue (47%)

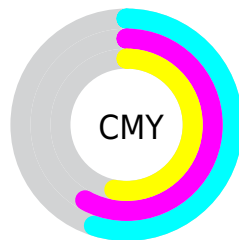


Cyan (5%)

Magenta (12%)

Yellow (0%)

Black (53%)



Cyan (55%)

Magenta (58%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7563897 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 7563897 by changing the saturation by 10% instead.





7563897



7563897

16777215



5919328



10984877



4406088



12761289



2958642



14603493



1577245



16511231



1



0



7563897



7563897



7233145



7894649



6902393



8225401

■ 6571641

■ 8556153

■ 6306425

■ 8821369

■ 5975673

■ 9152377

■ 5644665

■ 9483129

■ 5313913

■ 9813881

■ 4983161

■ 10144633

■ 4784249

■ 10475385

# Harmonies

## Analogous

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



6909309



7563897



8087666

# Triad

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



7563897



7891806



5862000

# Complementary

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



7563897



7371114

# 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.



6189672



7563897



7368285

# Square

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



7563897



8218978



6778977



5861752

# Rectangle

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



7563897



8284269



6778977



5927534



# Sweetspot

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



7563897



10262686



6975609



5065551



13619151



5197647



# Same Dimension

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



7563897



9799326



7957111



3880765



4915325



9896188



# Inverse Universe

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



7957104



10389136



6977899



4011834



8192050



16515173



# Previews

## White Background



This preview shows how the Decimal color 7563897 looks on a white background.

## Color Contrast Check

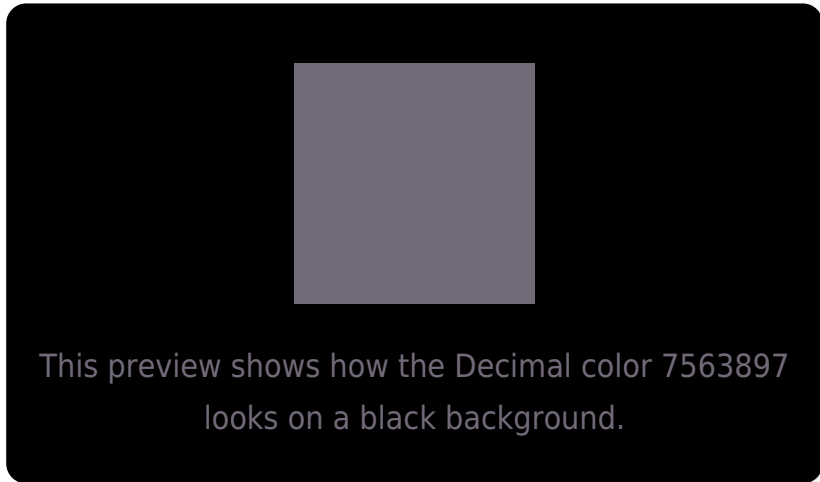
Large Text (above 18pt) WCAG AA ✓ Pass

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

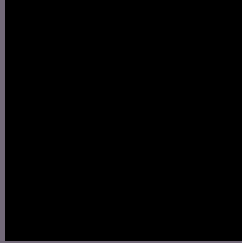
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7563897 Background



This preview shows how black text looks on a background with the Decimal color 7563897.



This preview shows how white text looks on a background with the Decimal color 7563897.

# 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**


7563897

**Protanopia**

7040123

**Deuteranopia**

7498361



**Tritanopia**  
7498611

# Trichromacy



**Original Color**

7563897

**Protanomaly**

7236474

**Deuteranomaly**

7498361

**Tritanomaly**

7498613

# Monochromacy



**Original Color**

7563897

**Achromatopsia**

7237230

**Achromatomaly**

7368050

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7563897 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 #736A79 looks like.

```
.text, #text, p{  
  color:#736A79  
}
```

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 #736A79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736A79
}
```

## Border

The CSS property to change the border of an element to Decimal 7563897 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
#736A79 }
```

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

```
.border{ border-color:#736A79 }
```

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

Here you see how a box with a 4 pixel #736A79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736A79; -webkit-box-shadow:4px 4px  
4px 4px #736A79; box-shadow:4px 4px 4px  
4px #736A79 }
```

# Background

The CSS property to change the background color of an element to Decimal 7563897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736A79 }
```

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

```
.background{ background-color:#736A79 }
```

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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