

# Converting Colors

Decimal(7956356)

Have a look what the booklet for  
Decimal(7956356) contains.

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# Color

**Decimal(7956356)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	796784
RGB	121, 103, 132
RGB Percent	47%, 40%, 52%
CMY	0.5255, 0.5961, 0.4824
CMYK	0.08, 0.22, 0.00, 0.48
HSL	277°, 12%, 46%
HSV	277°, 22%, 52%
XYZ	16.9003, 15.4314, 23.9176
YIQ	111.6880, 1.4190, 12.8350

# Conversions

## Conversions Part 2

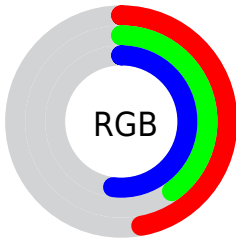
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 103, 132
Decimal	7956356
CIE <sub>Lab</sub>	46.22, 12.97, -13.40
CIE <sub>LCh</sub>	46, 18.651, 314.074
Yxy	15.4314, 0.3005, 0.2743
Android (android.graphics.Color)	4286146436 (0xFF796784)
YUV	111.6880, 10.0138, 8.1666
Hunter-Lab	39.2828, 8.0494, -8.6012

# Details

The Decimal color **7956356** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7504999**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **11442873**, and **4733010** is the 20% darker color. If you saturate the color by 10%, you get **7625348**, and if you desaturate by 10%, it is **8287364**.

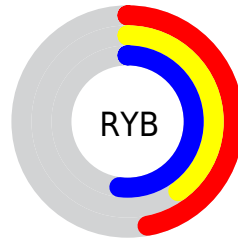
# Distribution



Red (47%)

Green (40%)

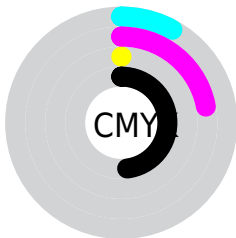
Blue (52%)



Red (47%)

Yellow (40%)

Blue (52%)

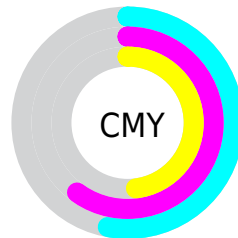


Cyan (8%)

Magenta (22%)

Yellow (0%)

Black (48%)



Cyan (53%)

Magenta (60%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7956356 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 7956356 by changing the saturation by 10% instead.





7956356



7956356

16777215



6311787



11442873



4733010



13219285



3220027



15061489



1838630



16772607



272



0



7956356



7956356



7625348



8287364



7294340



8618372

6963076

8949636

6632068

9280644

6301060

9611652

5970052

9942660

5639044

10273668

5374084

10604932

10935940

# Harmonies

## Analogous

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



6646924



7956356



8872822

# Triad

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



7956356



8415824



4290164

# Complementary

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



7956356



7504999

# 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.



5142116



7956356



7434063

# Square

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



7956356



9069912



6320983



4289923

# Rectangle

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



7956356



9200236



6320983



4552303



# Sweetspot

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



7956356



10919851



6779524



5525591



14079702



5723991



# Same Dimension

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



7956356



10124971



8677249



4209730



5308546



131075



# Inverse Universe

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



8677234



11239055



6784106



4340798



8519729



196609



# Previews

## White Background



This preview shows how the Decimal color 7956356 looks on a white background.

## Color Contrast Check

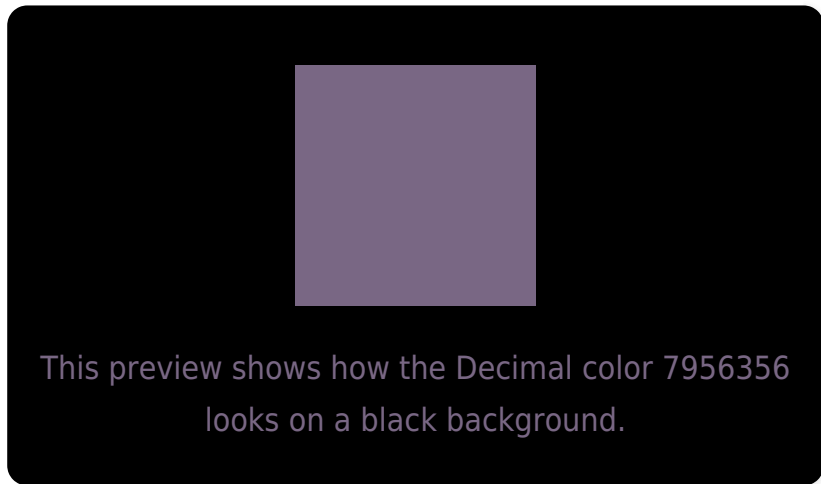
Large Text (above 18pt) WCAG AA ✓ Pass

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

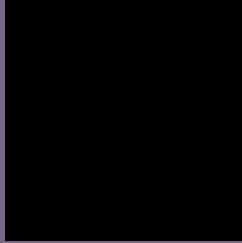
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 7956356 Background



This preview shows how black text looks on a background with the Decimal color 7956356.



This preview shows how white text looks on a background with the Decimal color 7956356.

# 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**  
7956356

**Protanopia**  
6778248

**Deuteranopia**  
7236483



**Tritanopia**  
7760498

# Trichromacy



**Original Color**

7956356

**Protanomaly**

7236487

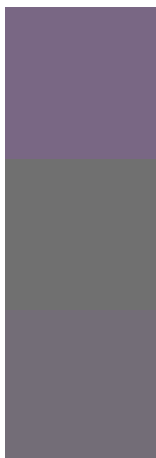
**Deuteranomaly**

7498371

**Tritanomaly**

7825785

# Monochromacy



**Original Color**

7956356

**Achromatopsia**

7368816

**Achromatomaly**

7564663

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7956356 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 #796784 looks like.

```
.text, #text, p{  
    color:#796784  
}
```

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 #796784 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #796784
}
```

## Border

The CSS property to change the border of an element to Decimal 7956356 is called "border". The border property can be set on classes, ids or directly on the HTML element.

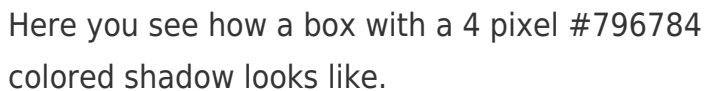
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#796784 }
```

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

```
.border{ border-color:#796784 }
```

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



Here you see how a box with a 4 pixel #796784 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #796784; -webkit-box-shadow:4px 4px  
4px 4px #796784; box-shadow:4px 4px 4px  
4px #796784 }
```

# Background

The CSS property to change the background color of an element to Decimal 7956356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#796784 }
```

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

```
.background{ background-color:#796784 }
```

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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