

# Converting Colors

Decimal(7436396)

Have a look what the booklet for  
Decimal(7436396) contains.

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# Color

**Decimal(7436396)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	71786C
RGB	113, 120, 108
RGB Percent	44%, 47%, 42%
CMY	0.5569, 0.5294, 0.5765
CMYK	0.06, 0.00, 0.10, 0.53
HSL	95°, 5%, 45%
HSV	95°, 10%, 47%
XYZ	16.2333, 18.0264, 16.8112
YIQ	116.5390, -0.3200, -5.2160

# Conversions

## Conversions Part 2

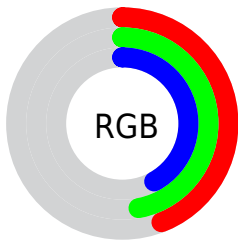
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 120, 115
Decimal	7436396
CIE Lab	49.53, -5.04, 5.69
CIE LCh	50, 7.595, 131.535
Yxy	18.0264, 0.3179, 0.3530
Android (android.graphics.Color)	4285626476 (0xFF71786C)
YUV	116.5390, -4.2097, -3.1037
Hunter-Lab	42.4575, -6.0524, 6.2441

# Details

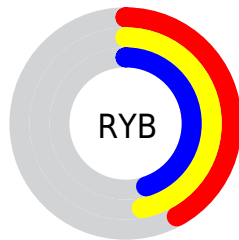
The Decimal color **7436396** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7564408**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **10857631**, and **4278333** is the 20% darker color. If you saturate the color by 10%, you get **6977632**, and if you desaturate by 10%, it is **7895160**.

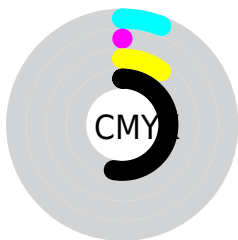
# Distribution



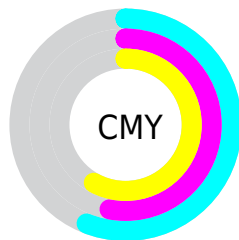
- Red (44%)
- Green (47%)
- Blue (42%)



- Red (42%)
- Yellow (47%)
- Blue (45%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (53%)



- Cyan (56%)
- Magenta (53%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7436396 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 7436396 by changing the saturation by 10% instead.





7436396



7436396

16777215



5857108



10857631



4278333



12634298



2830631



14476502



1514514



16318450



0



7436396



7436396



6977632



7895160



6518868



8353924



6060104



8812688

■ 5601340

■ 9271452

■ 5142576

■ 9730216

■ 4683812

■ 10188980

■ 4225048

■ 10647744

■ 3766284

■ 11106508

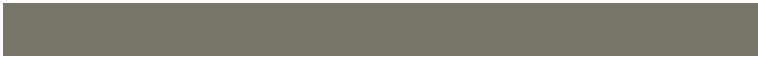
■ 3307520

■ 11565272

# Harmonies

## Analogous

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



7894633



7436396



6977905

# Triad

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



7436396



7042946



8679795

# Complementary

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



7436396



7564408

# 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.



8417914



7436396



7501186

# Square

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



7436396



6715774



8024959



8614509

# Rectangle

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



7436396



6781558



8024959



8614262



# Sweetspot

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



7436396



10067095



7893868



5066572



13619151



5197647



# Same Dimension

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



7436396



9542793



7108717



3816759



3439872



6945792



# Inverse Universe

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



7564408



9734556



7892087



3880765



4784253



9634044



# Previews

## White Background



This preview shows how the Decimal color 7436396 looks on a white background.

## Color Contrast Check

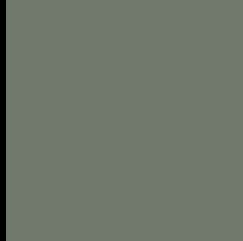
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 7436396 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

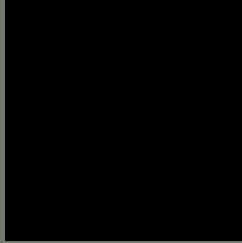
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

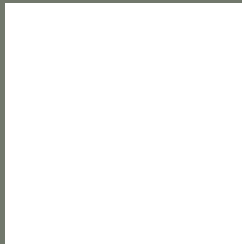
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7436396 Background



This preview shows how black text looks on a background with the Decimal color 7436396.



This preview shows how white text looks on a background with the Decimal color 7436396.

# 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**  
7436396

**Protanopia**  
8025451

**Deuteranopia**  
8680045



# Trichromacy



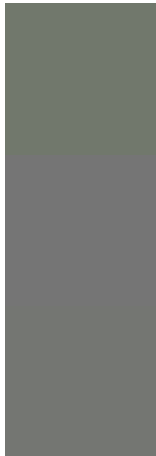
**Original Color**  
7436396

**Protanomaly**  
7829099

**Deuteranomaly**  
8221805

**Tritanomaly**  
7566968

# Monochromacy



**Original Color**  
7436396

**Achromatopsia**  
7697781

**Achromatomaly**  
7632498

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7436396 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 #71786C looks like.

```
.text, #text, p{  
    color:#71786C  
}
```

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 #71786C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71786C
}
```

## Border

The CSS property to change the border of an element to Decimal 7436396 is called "border". The border property can be set on classes, ids or directly on the HTML element.

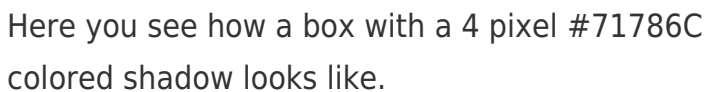
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#71786C }
```

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

```
.border{ border-color:#71786C }
```

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



Here you see how a box with a 4 pixel #71786C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71786C; -webkit-box-shadow:4px 4px  
4px 4px #71786C; box-shadow:4px 4px 4px  
4px #71786C }
```

# Background

The CSS property to change the background color of an element to Decimal 7436396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71786C }
```

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

```
.background{ background-color:#71786C }
```

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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