

# Converting Colors

Decimal(7436391)

Have a look what the booklet for  
Decimal(7436391) contains.

|  |    |
|--|----|
| <b>Decimal(7436391)</b> .....                  | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Decimal(7436391)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 717867                    |
| RGB         | 113, 120, 103             |
| RGB Percent | 44%, 47%, 40%             |
| CMY         | 0.5569, 0.5294, 0.5961    |
| CMYK        | 0.06, 0.00, 0.14, 0.53    |
| HSL         | 85°, 8%, 44%              |
| HSV         | 85°, 14%, 47%             |
| XYZ         | 15.9747, 17.9229, 15.4495 |
| YIQ         | 115.9690, 1.2850, -6.7710 |

# Conversions

## Conversions Part 2

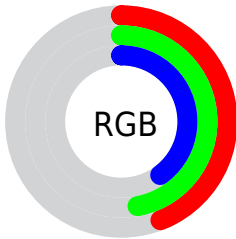
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 103, 120, 110                 |
| Decimal                             | 7436391                       |
| CIE Lab                             | 49.40, -5.98, 8.45            |
| CIE LCh                             | 49, 10.348, 125.275           |
| Yxy                                 | 17.9229, 0.3237,<br>0.3632    |
| Android<br>(android.graphics.Color) | 4285626471<br>(0xFF717867)    |
| YUV                                 | 115.9690, -6.3937,<br>-2.6038 |
| Hunter-Lab                          | 42.3355, -6.7326,<br>7.9981   |

# Details

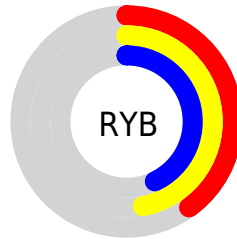
The Decimal color **7436391** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7235448**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **10857626**, and **4278328** is the 20% darker color. If you saturate the color by 10%, you get **7108699**, and if you desaturate by 10%, it is **7764083**.

# Distribution



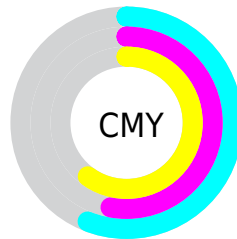
- Red (44%)
- Green (47%)
- Blue (40%)



- Red (40%)
- Yellow (47%)
- Blue (43%)



- Cyan (6%)
- Magenta (0%)
- Yellow (14%)
- Black (53%)



- Cyan (56%)
- Magenta (53%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7436391 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 7436391 by changing the saturation by 10% instead.





7436391



7436391

16777215



5791567



10857626



4278328



12634293



2830627



14476496



1514509



16318445



0



7436391



7436391



7108699



7764083



6781007



8091775



6453315



8419467

■ 6125623

■ 8747159

■ 5797931

■ 9074851

■ 5470239

■ 9402543

■ 5142547

■ 9730235

■ 4814855

■ 10057927

■ 4683776

■ 10320083

# Harmonies

## Analogous

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



8090980



7436391



6781550

# Triad

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



7436391



6584453



8941428

# Complementary

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



7436391



7235448

# 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.



8548477



7436391



7239303

# Square

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



7436391



6257279



7959428



8941676

# Rectangle

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



7436391



6454132



7959428



8810615



# Sweetspot

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



7436391



10067093



7892583



5066571



13619151



5197647



# Same Dimension

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



7436391



9542785



6912103



3882295



4881664



9763840



# Inverse Universe

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



7235448



9208220



7759736



3815229



3342461

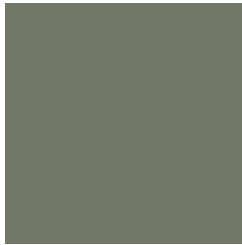


6815996



# Previews

## White Background



This preview shows how the Decimal color 7436391 looks on a white background.

## Color Contrast Check

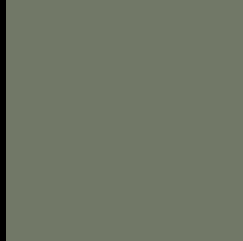
Large Text (above 18pt) WCAG AA ✓ Pass

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 7436391 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

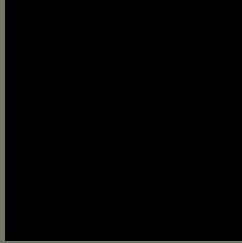
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

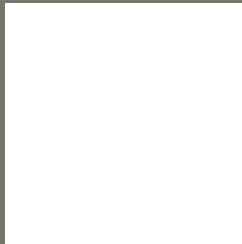
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7436391 Background



This preview shows how black text looks on a background with the Decimal color 7436391.

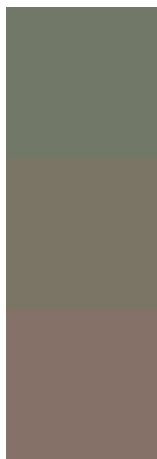


This preview shows how white text looks on a background with the Decimal color 7436391.

# 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**

7436391

**Protanopia**

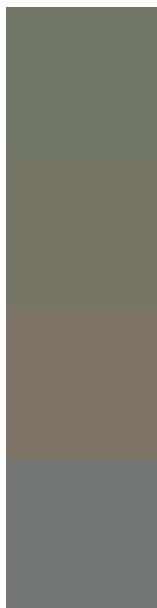
8090981

**Deuteranopia**

8745320



# Trichromacy



**Original Color**

7436391

**Protanomaly**

7829094

**Deuteranomaly**

8287336

**Tritanomaly**

7566966

# Monochromacy



**Original Color**

7436391

**Achromatopsia**

7631988

**Achromatomaly**

7566703

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7436391 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 #717867 looks like.

```
.text, #text, p{  
    color:#717867  
}
```

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 #717867 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #717867
}
```

## Border

The CSS property to change the border of an element to Decimal 7436391 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
#717867 }
```

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

```
.border{ border-color:#717867 }
```

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

Here you see how a box with a 4 pixel #717867 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #717867; -webkit-box-shadow:4px 4px  
4px 4px #717867; box-shadow:4px 4px 4px  
4px #717867 }
```

# Background

The CSS property to change the background color of an element to Decimal 7436391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#717867 }
```

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

```
.background{ background-color:#717867 }
```

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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