

# Converting Colors

Decimal(7302996)

Have a look what the booklet for  
Decimal(7302996) contains.

<b>Decimal(7302996)</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(7302996)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F6F54
RGB	111, 111, 84
RGB Percent	44%, 44%, 33%
CMY	0.5647, 0.5647, 0.6706
CMYK	0.00, 0.00, 0.24, 0.56
HSL	60°, 14%, 38%
HSV	60°, 24%, 44%
XYZ	13.8402, 15.3885, 10.6283
YIQ	107.9220, 8.6670, -8.3970

# Conversions

## Conversions Part 2

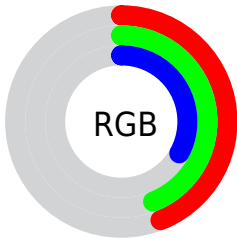
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 111, 84
Decimal	7302996
CIELab	46.16, -4.89, 15.09
CIElCh	46, 15.861, 107.952
Yxy	15.3885, 0.3472, 0.3861
Android (android.graphics.Color)	4285493076 (0xFF6F6F54)
YUV	107.9220, -11.7935, 2.6994
Hunter-Lab	39.2282, -5.6721, 11.3959

# Details

The Decimal color **7302996** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5526639**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **10724230**, and **4144935** is the 20% darker color. If you saturate the color by 10%, you get **7302985**, and if you desaturate by 10%, it is **7303007**.

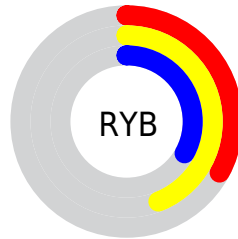
# Distribution



Red (44%)

Green (44%)

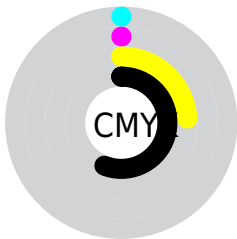
Blue (33%)



Red (33%)

Yellow (44%)

Blue (33%)

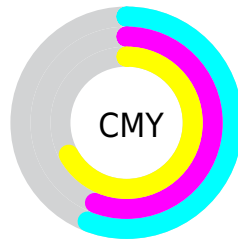


Cyan (0%)

Magenta (0%)

Yellow (24%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7302996 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 7302996 by changing the saturation by 10% instead.





7302996



7302996

16777215



5658429



10724230



4144935



12500640



2697746



14342587



1250560



16250583



0



16777203



7302996



7302996



7302985



7303007



7302974



7303018

7302963

7303029

7302952

7303040

7302941

7303052

7302929

7303063

7302918

7303074

7302912

7303085

7303096

# Harmonies

## Analogous

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



8153940



7302996



6320987

# Triad

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



7302996



4879233



8742003

# Complementary

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



7302996



5526639

# 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.



7956351



7302996



5730439

# Square

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



7302996



4814197



6843526



9004134

# Rectangle

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



7302996



5665891



6843526



8545656



# Sweetspot

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



7302996



9539975



7296084



4868676



13224393



4868682



# Same Dimension

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



7302996



9539943



6451028



3684402



7895040



16250624



# Inverse Universe

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



5526639



6776721



6444143



3289656



120



247



# Previews

## White Background



This preview shows how the Decimal color 7302996 looks on a white background.

## Color Contrast Check

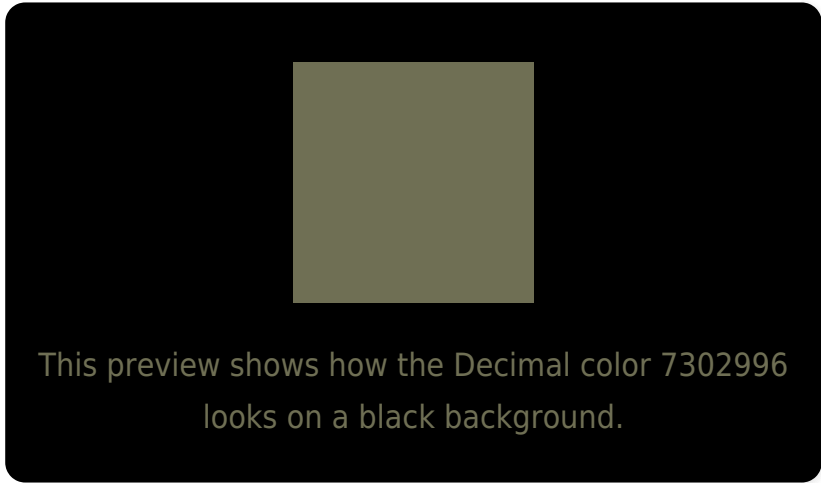
Large Text (above 18pt) WCAG AA ✓ Pass

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

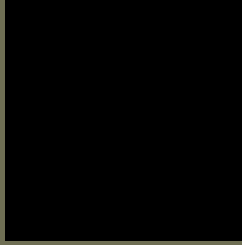
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

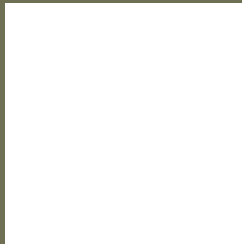
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7302996 Background



This preview shows how black text looks on a background with the Decimal color 7302996.



This preview shows how white text looks on a background with the Decimal color 7302996.

# 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**

7302996

**Protanopia**

7695699

**Deuteranopia**

8415573



**Tritanopia**  
7564147

# Trichromacy



**Original Color**  
7302996

**Protanomaly**  
7564883

**Deuteranomaly**  
8022869

**Tritanomaly**  
7498856

# Monochromacy



**Original Color**  
7302996

**Achromatopsia**  
7105644

**Achromatomaly**  
7171427

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7302996 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 #6F6F54 looks like.

```
.text, #text, p{  
    color:#6F6F54  
}
```

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 #6F6F54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F6F54
}
```

## Border

The CSS property to change the border of an element to Decimal 7302996 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
#6F6F54 }
```

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

```
.border{ border-color:#6F6F54 }
```

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

Here you see how a box with a 4 pixel #6F6F54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F6F54; -webkit-box-shadow:4px 4px  
4px 4px #6F6F54; box-shadow:4px 4px 4px  
4px #6F6F54 }
```

# Background

The CSS property to change the background color of an element to Decimal 7302996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F6F54 }
```

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

```
.background{ background-color:#6F6F54 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor