

# Converting Colors

Decimal(7291674)

Have a look what the booklet for  
Decimal(7291674) contains.

<b>Decimal(7291674)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(7291674)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F431A
RGB	111, 67, 26
RGB Percent	44%, 26%, 10%
CMY	0.5647, 0.7373, 0.8980
CMYK	0.00, 0.40, 0.77, 0.56
HSL	29°, 62%, 27%
HSV	29°, 77%, 44%
XYZ	8.7492, 7.4684, 1.9577
YIQ	75.4820, 39.3850, -3.4230

# Conversions

## Conversions Part 2

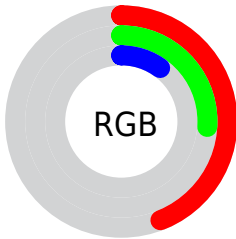
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 105, 26
Decimal	7291674
CIE Lab	32.85, 15.20, 31.83
CIE LCh	33, 35.272, 64.477
Yxy	7.4684, 0.4814, 0.4109
Android (android.graphics.Color)	4285481754 (0xFF6F431A)
YUV	75.4820, -24.3946, 31.1493
Hunter-Lab	27.3284, 9.3220, 14.8826

# Details

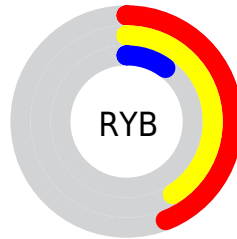
The Decimal color **7291674** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1721967**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **10908488**, and **3872512** is the 20% darker color. If you saturate the color by 10%, you get **7290127**, and if you desaturate by 10%, it is **7293221**.

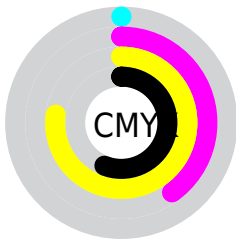
# Distribution



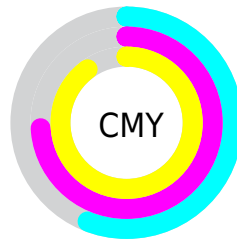
- Red (44%)
- Green (26%)
- Blue (10%)



- Red (44%)
- Yellow (41%)
- Blue (10%)



- Cyan (0%)
- Magenta (40%)
- Yellow (77%)
- Black (56%)



- Cyan (56%)
- Magenta (74%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7291674 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 7291674 by changing the saturation by 10% instead.



7291674

7291674

16777215

5582082

10908488

3872512

12815712

2293760

14722937

0

16630675

16768686

16776138

16777190

7291674

7291674

■ 7290127

■ 7293221

■ 7288836

■ 7294512

■ 7288320

■ 7296059

■ 7297606

■ 7299154

■ 7300445

■ 7301992

■ 7303539

■ 7305086

# Harmonies

## Analogous

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



8206383



7291674



5786897

# Triad

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



7291674



23377



5522555

# Complementary

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



7291674



1721967

# 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.



1593221



7291674



23148

# Square

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



7291674



809268



22143



7485798

# Rectangle

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



7291674



4608791



22143



4540544



# Sweetspot

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



7291674



9535600



7281223



4865845



13224393



4868682



# Same Dimension

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



7291674



9522188



7302170



3683634



7879168



16217856



# Inverse Universe

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



1721967



807313



1711471



3290424



15992



33015



# Previews

## White Background



This preview shows how the Decimal color 7291674 looks on a white background.

## Color Contrast Check

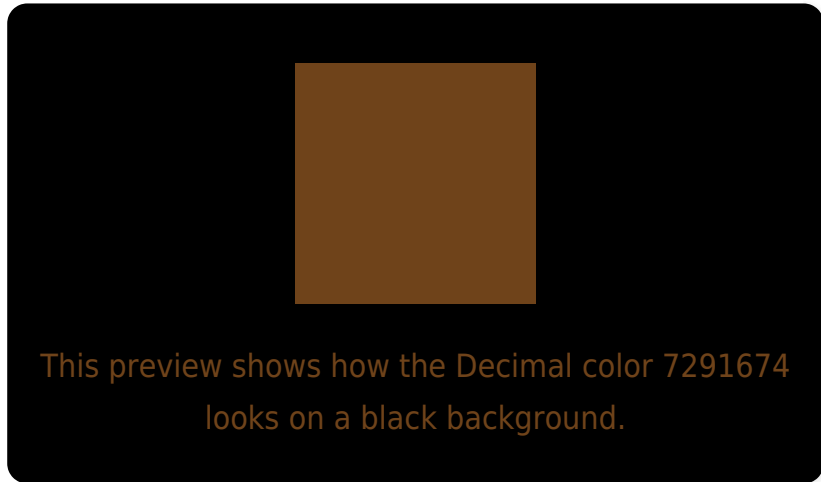
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

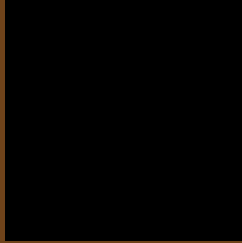
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7291674 Background



This preview shows how black text looks on a background with the Decimal color 7291674.



This preview shows how white text looks on a background with the Decimal color 7291674.

# 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**  
7291674

**Protanopia**  
5721629

**Deuteranopia**  
6441496



**Tritanopia**  
7421763

# Trichromacy



**Original Color**  
7291674

**Protanomaly**  
6310428

**Deuteranomaly**  
6768409

**Tritanomaly**  
7356468

# Monochromacy



**Original Color**  
7291674

**Achromatopsia**  
4934475

**Achromatomaly**  
5785657

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7291674 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 #6F431A looks like.

```
.text, #text, p{  
    color:#6F431A  
}
```

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 #6F431A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F431A
}
```

## Border

The CSS property to change the border of an element to Decimal 7291674 is called "border". The border property can be set on classes, ids or directly on the HTML element.

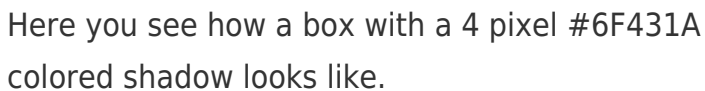
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F431A }
```

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

```
.border{ border-color:#6F431A }
```

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



Here you see how a box with a 4 pixel #6F431A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F431A; -webkit-box-shadow:4px 4px  
4px 4px #6F431A; box-shadow:4px 4px 4px  
4px #6F431A }
```

# Background

The CSS property to change the background color of an element to Decimal 7291674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F431A }
```

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

```
.background{ background-color:#6F431A }
```

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