

# Converting Colors

Decimal(7231488)

Have a look what the booklet for  
Decimal(7231488) contains.

<b>Decimal(7231488)</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(7231488)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E5800
RGB	110, 88, 0
RGB Percent	43%, 35%, 0%
CMY	0.5686, 0.6549, 1.0000
CMYK	0.00, 0.20, 1.00, 0.57
HSL	48°, 100%, 22%
HSV	48°, 100%, 43%
XYZ	9.9201, 10.2944, 1.4642
YIQ	84.5460, 41.3600, -22.7040

# Conversions

## Conversions Part 2

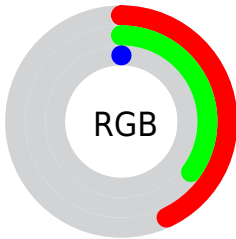
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 110, 0
Decimal	7231488
CIE <sub>Lab</sub>	38.37, 1.08, 46.17
CIE <sub>LCh</sub>	38, 46.187, 88.663
Yxy	10.2944, 0.4576, 0.4749
Android (android.graphics.Color)	4285421568 (0xFF6E5800)
YUV	84.5460, -41.6812, 22.3232
Hunter-Lab	32.0850, -0.9595, 19.7538

# Details

The Decimal color **7231488** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **5742**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **10848824**, and **3812096** is the 20% darker color. If you saturate the color by 10%, you get **7231488**, and if you desaturate by 10%, it is **7232011**.

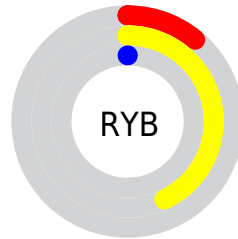
# Distribution



Red (43%)

Green (35%)

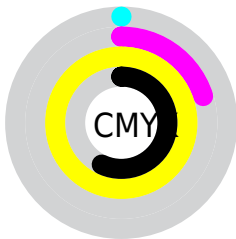
Blue (0%)



Red (11%)

Yellow (43%)

Blue (0%)

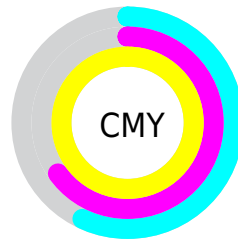


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (57%)



Cyan (57%)

Magenta (65%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7231488 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 7231488 by changing the saturation by 10% instead.



 7231488

 7231488

 16777204

 5521664

 10848824

 3812096

 12756049

 2168576

 14663531

 0

 16571013

 16775072

 16777147

 16777176

 7231488

 7232011

 7232534

 7233313

 7233836

 7234359

 7234882

 7235405

 7236184

 7236707

# Harmonies

## Analogous

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



9062680



7231488



4809487

# Triad

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



7231488



27517



8798338

# Complementary

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



7231488



5742

# 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.



5656988



7231488



26778

# Square

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



7231488



27735



24485



10171742

# Rectangle

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



7231488



2582309



24485



7947916



# Sweetspot

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



7231488



9406052



7208982



4669998



13092807



4671303



# Same Dimension

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



7231488



9400832



5074432



3684146



7888896



16238080



# Inverse Universe

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



5742



7567



2162798



3290168



6264

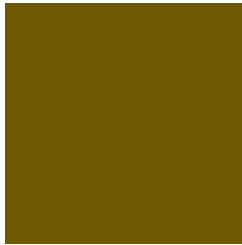


12791



# Previews

## White Background



This preview shows how the Decimal color 7231488 looks on a white background.

## Color Contrast Check

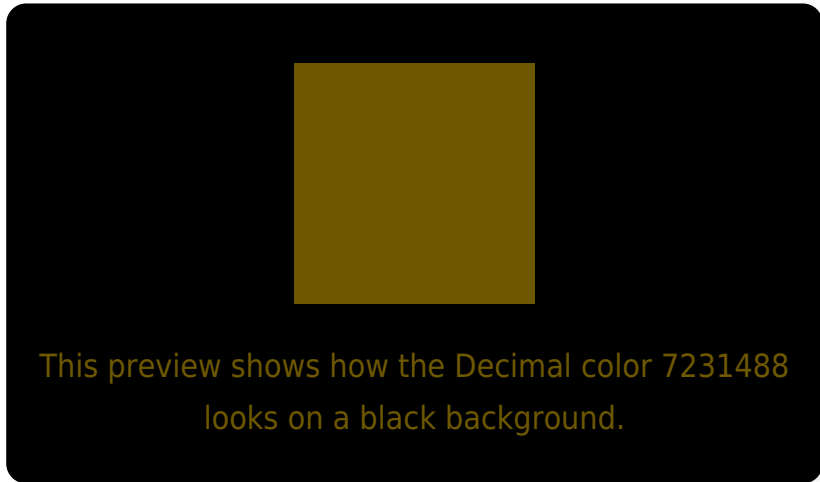
Large Text (above 18pt) WCAG AA ✓ Pass

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 7231488 Background



This preview shows how black text looks on a background with the Decimal color 7231488.



This preview shows how white text looks on a background with the Decimal color 7231488.

# 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**

7231488

**Protanopia**

6707973

**Deuteranopia**

7558663



**Tritanopia**  
7557720

# Trichromacy



**Original Color**

7231488

**Protanomaly**

6904323

**Deuteranomaly**

7427844

**Tritanomaly**

7427128

# Monochromacy



**Original Color**

7231488

**Achromatopsia**

5592405

**Achromatomaly**

6182454

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7231488 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 #6E5800 looks like.

```
.text, #text, p{  
    color:#6E5800  
}
```

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 #6E5800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E5800
}
```

## Border

The CSS property to change the border of an element to Decimal 7231488 is called "border". The border property can be set on classes, ids or directly on the HTML element.

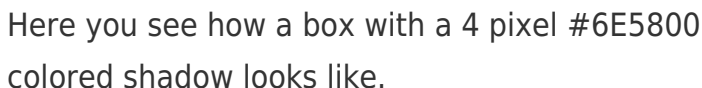
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E5800 }
```

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

```
.border{ border-color:#6E5800 }
```

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

A rectangular box with a 4px #6E5800 colored shadow. The box is white with a thin black border and a dark brown shadow on the right and bottom sides. The text inside the box reads: "Here you see how a box with a 4 pixel #6E5800 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E5800; -webkit-box-shadow:4px 4px  
4px 4px #6E5800; box-shadow:4px 4px 4px  
4px #6E5800 }
```

# Background

The CSS property to change the background color of an element to Decimal 7231488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E5800 }
```

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

```
.background{ background-color:#6E5800 }
```

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