

# Converting Colors

Decimal(7166749)

Have a look what the booklet for  
Decimal(7166749) contains.

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**Color**

**Decimal(7166749)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D5B1D
RGB	109, 91, 29
RGB Percent	43%, 36%, 11%
CMY	0.5725, 0.6431, 0.8863
CMYK	0.00, 0.17, 0.73, 0.57
HSL	47°, 58%, 27%
HSV	47°, 73%, 43%
XYZ	10.2695, 10.8221, 2.7100
YIQ	89.3140, 30.6300, -15.4660

# Conversions

## Conversions Part 2

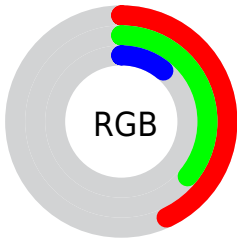
Format	Color
<b>RYB</b>	52, 109, 29
Decimal	7166749
CIELab	39.28, -0.13, 36.92
CIElCh	39, 36.915, 90.198
Yxy	10.8221, 0.4315, 0.4547
Android (android.graphics.Color)	4285356829 (0xFF6D5B1D)
YUV	89.3140, -29.7348, 17.2646
Hunter-Lab	32.8969, -1.8468, 18.1436

# Details

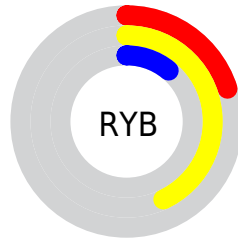
The Decimal color **7166749** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1912685**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **10718541**, and **3878400** is the 20% darker color. If you saturate the color by 10%, you get **7166226**, and if you desaturate by 10%, it is **7167272**.

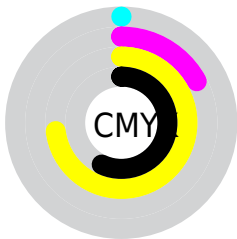
# Distribution



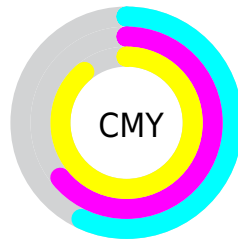
- Red (43%)
- Green (36%)
- Blue (11%)



- Red (20%)
- Yellow (43%)
- Blue (11%)



- Cyan (0%)
- Magenta (17%)
- Yellow (73%)
- Black (57%)



- Cyan (57%)
- Magenta (64%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7166749 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 7166749 by changing the saturation by 10% instead.





7166749



7166749

16777215



5456899



10718541



3878400



12560230



2234624



14467711



0



16375450



16776117



16777169



16777197



7166749



7166749

■ 7166226

■ 7167272

■ 7165447

■ 7168051

■ 7164928

■ 7168574

■ 7169353

■ 7169875

■ 7170654

■ 7171177

■ 7171956

■ 7172479

# Harmonies

## Analogous

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



8736808



7166749



5202982

# Triad

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



7166749



27514



8472955

# Complementary

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



7166749



1912685

# 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.



6182289



7166749



26512

# Square

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



7166749



27484



1728664



9585246

# Rectangle

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



7166749



3565364



1728664



7883907



# Sweetspot

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



7166749



9406575



7150896



4670261



13092807



4671303



# Same Dimension

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



7166749



9401105



5795101



3552304



7691008



16104960



# Inverse Universe

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



1912685



1125775



3284333



3158326



6773



14325



# Previews

## White Background



This preview shows how the Decimal color 7166749 looks on a white background.

## Color Contrast Check

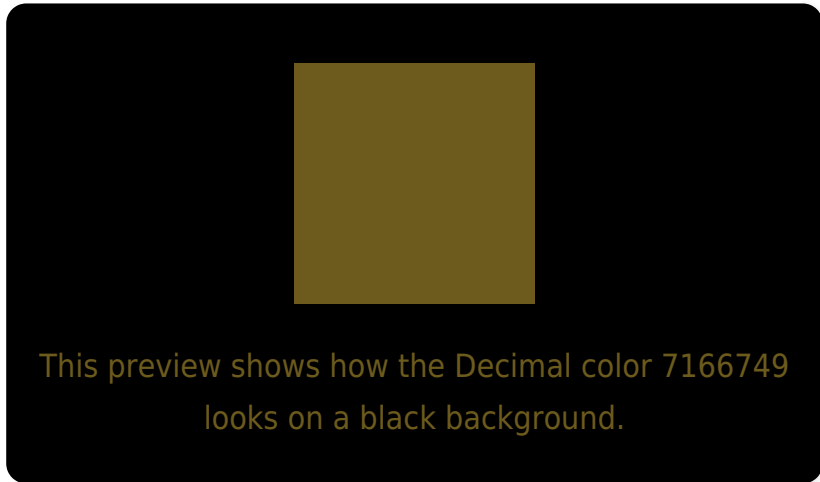
Large Text (above 18pt) WCAG AA ✓ Pass

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

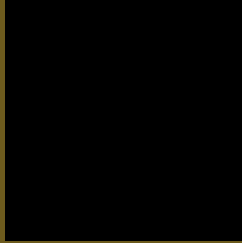
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7166749 Background



This preview shows how black text looks on a background with the Decimal color 7166749.



This preview shows how white text looks on a background with the Decimal color 7166749.

# 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**


7166749

**Protanopia**

6839582

**Deuteranopia**

7624734



**Tritanopia**  
7492956

# Trichromacy



**Original Color**

7166749

**Protanomaly**

6970398

**Deuteranomaly**

7428382

**Tritanomaly**

7362373

# Monochromacy



**Original Color**

7166749

**Achromatopsia**

5855577

**Achromatomaly**

6314563

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7166749 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 #6D5B1D looks like.

```
.text, #text, p{  
    color:#6D5B1D  
}
```

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 #6D5B1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D5B1D
}
```

## Border

The CSS property to change the border of an element to Decimal 7166749 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
#6D5B1D }
```

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

```
.border{ border-color:#6D5B1D }
```

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

Here you see how a box with a 4 pixel #6D5B1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D5B1D; -webkit-box-shadow:4px 4px  
4px 4px #6D5B1D; box-shadow:4px 4px 4px  
4px #6D5B1D }
```

# Background

The CSS property to change the background color of an element to Decimal 7166749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D5B1D }
```

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

```
.background{ background-color:#6D5B1D }
```

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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