

# Converting Colors

Decimal(7233299)

Have a look what the booklet for  
Decimal(7233299) contains.

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**Color**

**Decimal(7233299)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E5F13
RGB	110, 95, 19
RGB Percent	43%, 37%, 7%
CMY	0.5686, 0.6275, 0.9255
CMYK	0.00, 0.14, 0.83, 0.57
HSL	50°, 71%, 25%
HSV	50°, 83%, 43%
XYZ	10.6402, 11.5464, 2.2840
YIQ	90.8210, 33.3360, -20.4560

# Conversions

## Conversions Part 2

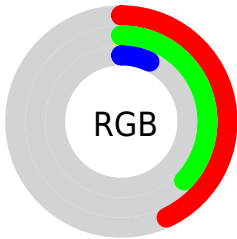
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 110, 19
Decimal	7233299
CIE <sub>Lab</sub>	40.49, -2.50, 42.23
CIE <sub>LCh</sub>	40, 42.306, 93.386
Yxy	11.5464, 0.4348, 0.4718
Android (android.graphics.Color)	4285423379 (0xFF6E5F13)
YUV	90.8210, -35.4078, 16.8200
Hunter-Lab	33.9800, -3.5714, 19.8008

# Details

The Decimal color **7233299** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1253998**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **10785093**, and **3879168** is the 20% darker color. If you saturate the color by 10%, you get **7232776**, and if you desaturate by 10%, it is **7233822**.

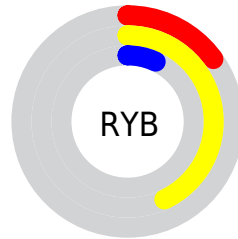
# Distribution



Red (43%)

Green (37%)

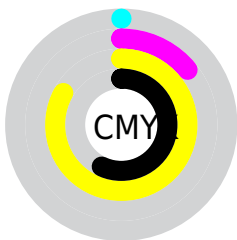
Blue (7%)



Red (15%)

Yellow (43%)

Blue (7%)

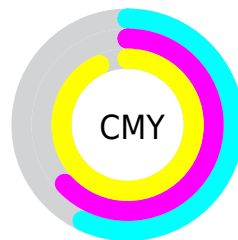


Cyan (0%)

Magenta (14%)

Yellow (83%)

Black (57%)



Cyan (57%)

Magenta (63%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7233299 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 7233299 by changing the saturation by 10% instead.





7233299



7233299

16777215



5523456



10785093



3879168



12692574



2235648



14534520



768



16507794



0



16777133



16777161



16777190



7233299



7233299

■ 7232776

■ 7233822

■ 7232512

■ 7234345

■ 7234612

■ 7235135

■ 7235658

■ 7236181

■ 7236704

■ 7237227

■ 7237494

# Harmonies

## Analogous

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



9064992



7233299



4876321

# Triad

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



7233299



28549



9193087

# Complementary

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



7233299



1253998

# 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.



6706585



7233299



27549

# Square

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



7233299



28770



942757



10305373

# Rectangle

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



7233299



2780212



942757



8539017



# Sweetspot

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



7233299



9406827



7213858



4670514



13092807



4671303



# Same Dimension

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



7233299



9402113



5271059



3684146



7889920



16240384



# Inverse Universe

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



1253998



72079



3216238



3289912



5240



10743



# Previews

## White Background



This preview shows how the Decimal color 7233299 looks on a white background.

## Color Contrast Check

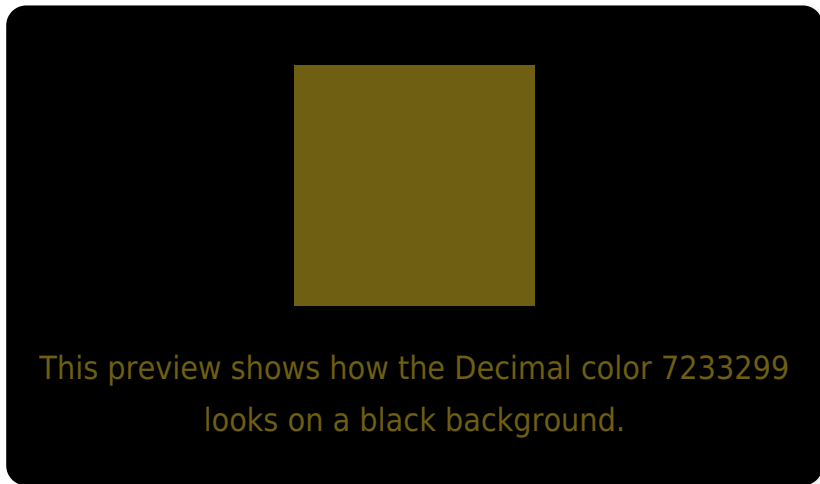
Large Text (above 18pt) WCAG AA ✓ Pass

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

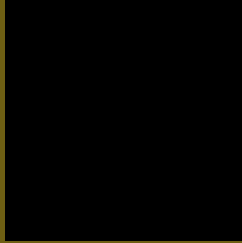
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7233299 Background



This preview shows how black text looks on a background with the Decimal color 7233299.



This preview shows how white text looks on a background with the Decimal color 7233299.

# 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**  
7233299

**Protanopia**  
7102483

**Deuteranopia**  
7887637



**Tritanopia**  
7559263

# Trichromacy



**Original Color**  
7233299

**Protanomaly**  
7168019

**Deuteranomaly**  
7625748

**Tritanomaly**  
7428931

# Monochromacy



**Original Color**  
7233299

**Achromatopsia**  
5987163

**Achromatomaly**  
6446145

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7233299 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 #6E5F13 looks like.

```
.text, #text, p{  
  color:#6E5F13  
}
```

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 #6E5F13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E5F13
}
```

## Border

The CSS property to change the border of an element to Decimal 7233299 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
#6E5F13 }
```

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

```
.border{ border-color:#6E5F13 }
```

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

Here you see how a box with a 4 pixel #6E5F13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E5F13; -webkit-box-shadow:4px 4px  
4px 4px #6E5F13; box-shadow:4px 4px 4px  
4px #6E5F13 }
```

# Background

The CSS property to change the background color of an element to Decimal 7233299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E5F13 }
```

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

```
.background{ background-color:#6E5F13 }
```

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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