

# Converting Colors

Decimal(7413299)

Have a look what the booklet for  
Decimal(7413299) contains.

<b>Decimal(7413299)</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(7413299)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	711E33
RGB	113, 30, 51
RGB Percent	44%, 12%, 20%
CMY	0.5569, 0.8824, 0.8000
CMYK	0.00, 0.73, 0.55, 0.56
HSL	345°, 58%, 28%
HSV	345°, 73%, 44%
XYZ	7.8719, 4.6783, 3.6201
YIQ	57.2110, 42.7270, 24.1270

# Conversions

## Conversions Part 2

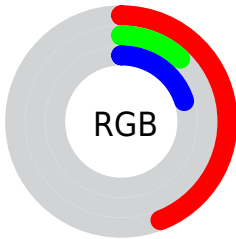
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 30, 51
Decimal	7413299
CIE Lab	25.80, 37.78, 7.75
CIE LCh	26, 38.571, 11.598
Yxy	4.6783, 0.4868, 0.2893
Android (android.graphics.Color)	4285603379 (0xFF711E33)
YUV	57.2110, -3.0620, 48.9270
Hunter-Lab	21.6293, 27.1127, 5.2172

# Details

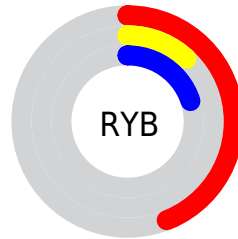
The Decimal color **7413299** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1995100**, and the grayscale version is **3750201**.

A 20% lighter version of the original color is **11096417**, and **3932164** is the 20% darker color. If you saturate the color by 10%, you get **7410475**, and if you desaturate by 10%, it is **7416123**.

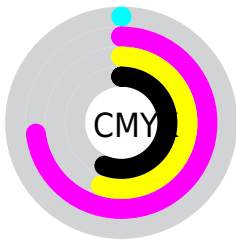
# Distribution



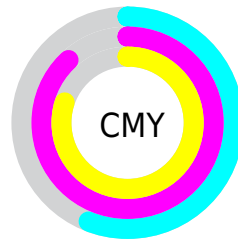
- Red (44%)
- Green (12%)
- Blue (20%)



- Red (44%)
- Yellow (12%)
- Blue (20%)



- Cyan (0%)
- Magenta (73%)
- Yellow (55%)
- Black (56%)



- Cyan (56%)
- Magenta (88%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7413299 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 7413299 by changing the saturation by 10% instead.





7413299



7413299

16777215



5636126



11096417



3932164



12937850



2162689



14910868



0



16752558



16759753



16766950



16774399



7413299



7413299

■ 7410475

■ 7416123

■ 7407394

■ 7419204

■ 7405597

■ 7422028

■ 7424853

■ 7427933

■ 7430758

■ 7433582

■ 7436407

■ 7439487

# Harmonies

## Analogous

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



6824528



7413299



7022615

# Triad

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



7413299



2049548



17781

# Complementary

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



7413299



1995100

# 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.



18787



7413299



18729

# Square

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



7413299



4210432



19016



343415

# Rectangle

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



7413299



6304005



19016



18288



# Sweetspot

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



7413299



9728892



5971569



4863804



13224393



4868682



# Same Dimension

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



7413299



9703987



7418142



3682868



7864350



16187455



# Inverse Universe

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



7413299



9703987



1990257



3682868



7864350

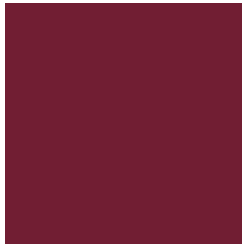


16187455



# Previews

## White Background



This preview shows how the Decimal color 7413299 looks on a white background.

## Color Contrast Check

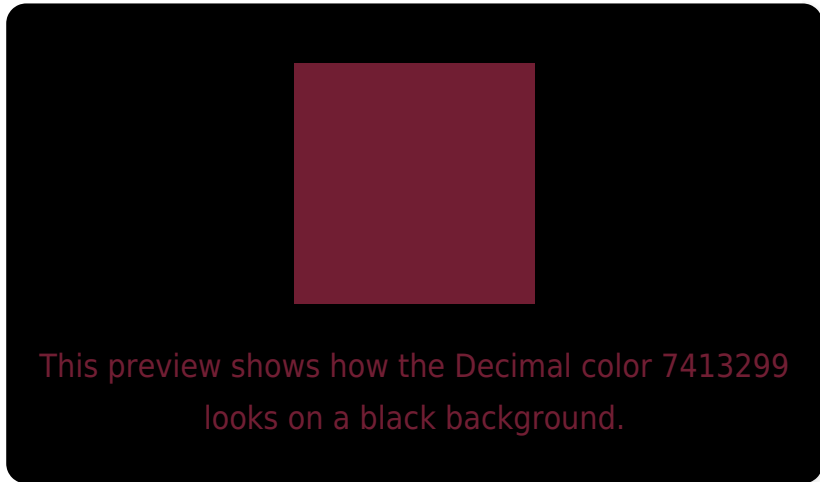
Large Text (above 18pt) WCAG AA ✓ Pass

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 7413299 Background



This preview shows how black text looks on a background with the Decimal color 7413299.



This preview shows how white text looks on a background with the Decimal color 7413299.

# 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**

7413299

**Protanopia**

4079171

**Deuteranopia**

4865071



# Trichromacy



**Original Color**  
7413299

**Protanomaly**  
5321277

**Deuteranomaly**  
5779760

**Tritanomaly**  
7348265

# Monochromacy



**Original Color**  
7413299

**Achromatopsia**  
3750201

**Achromatomaly**  
5058359

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7413299 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 #711E33 looks like.

```
.text, #text, p{  
    color:#711E33  
}
```

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 #711E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #711E33
}
```

## Border

The CSS property to change the border of an element to Decimal 7413299 is called "border". The border property can be set on classes, ids or directly on the HTML element.

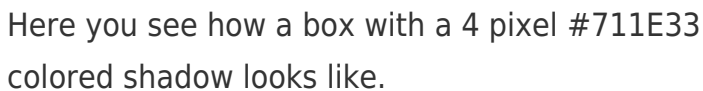
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#711E33 }
```

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

```
.border{ border-color:#711E33 }
```

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



Here you see how a box with a 4 pixel #711E33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #711E33; -webkit-box-shadow:4px 4px  
4px 4px #711E33; box-shadow:4px 4px 4px  
4px #711E33 }
```

# Background

The CSS property to change the background color of an element to Decimal 7413299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#711E33 }
```

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

```
.background{ background-color:#711E33 }
```

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