

# Converting Colors

Decimal(7421708)

Have a look what the booklet for  
Decimal(7421708) contains.

<b>Decimal(7421708)</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(7421708)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	713F0C
RGB	113, 63, 12
RGB Percent	44%, 25%, 5%
CMY	0.5569, 0.7529, 0.9529
CMYK	0.00, 0.44, 0.89, 0.56
HSL	30°, 81%, 25%
HSV	30°, 89%, 44%
XYZ	8.6539, 7.0923, 1.2607
YIQ	72.1360, 46.1710, -5.2610

# Conversions

## Conversions Part 2

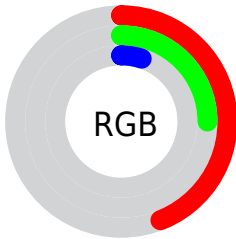
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 113, 12
Decimal	7421708
CIE Lab	32.02, 17.97, 37.54
CIE LCh	32, 41.621, 64.419
Yxy	7.0923, 0.5088, 0.4170
Android (android.graphics.Color)	4285611788 (0xFF713F0C)
YUV	72.1360, -29.6470, 35.8377
Hunter-Lab	26.6313, 11.3993, 15.8353

# Details

The Decimal color **7421708** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **802417**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **11104060**, and **3871744** is the 20% darker color. If you saturate the color by 10%, you get **7420161**, and if you desaturate by 10%, it is **7423255**.

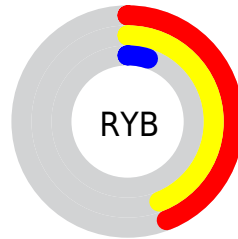
# Distribution



Red (44%)

Green (25%)

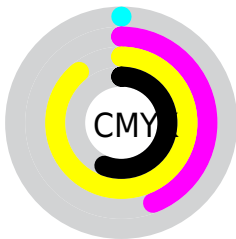
Blue (5%)



Red (44%)

Yellow (44%)

Blue (5%)

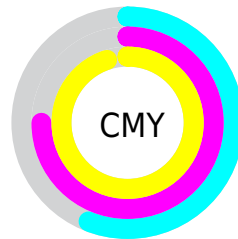


Cyan (0%)

Magenta (44%)

Yellow (89%)

Black (56%)



Cyan (56%)

Magenta (75%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7421708 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 7421708 by changing the saturation by 10% instead.




 7421708

 7421708

 16777205

 5646592

 11104060

 3871744

 13011284

 2359296

 14984045

 0

 16760454

 16767649

 16774844

 16777176

 7421708

 7421708

■ 7420161

■ 7423255

■ 7420160

■ 7424547

■ 7426094

■ 7427385

■ 7428933

■ 7430480

■ 7431771

■ 7433318

■ 7434610

# Harmonies

## Analogous

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



8532264



7421708



5720832

# Triad

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



7421708



23119



5390466

# Complementary

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



7421708



802417

# 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.



20109



7421708



23152

# Square

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



7421708



22829



22150



7745896

# Rectangle

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



7421708



4280581



22150



4146567



# Sweetspot

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



7421708



9732204



7408703



4865586



13224393



4868682



# Same Dimension

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



7421708



9718528



7434508



3683634



7879936



16219392



# Inverse Universe

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



802417



18836



789617



3290424



15224

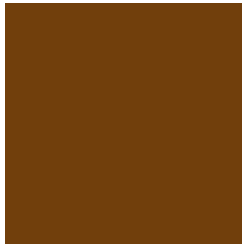


31479



# Previews

## White Background



This preview shows how the Decimal color 7421708 looks on a white background.

## Color Contrast Check

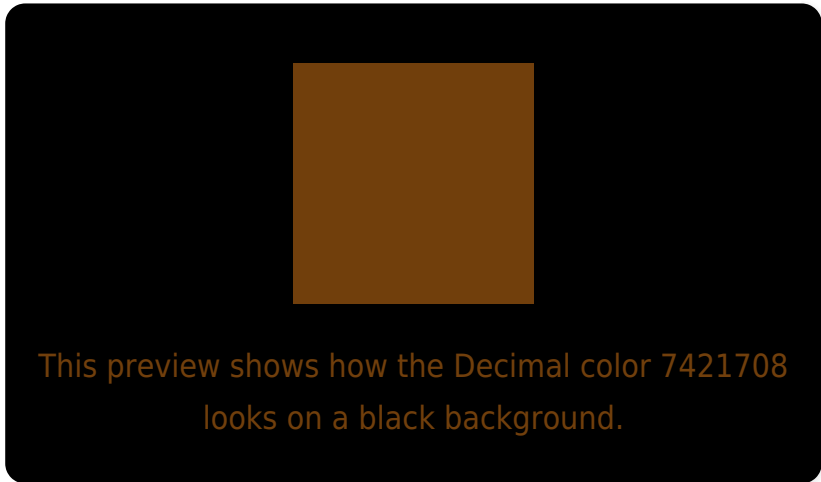
Large Text (above 18pt) WCAG AA ✓ Pass

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

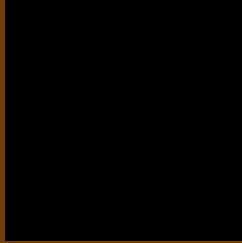
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7421708 Background



This preview shows how black text looks on a background with the Decimal color 7421708.



This preview shows how white text looks on a background with the Decimal color 7421708.

# 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**  
7421708

**Protanopia**  
5655568

**Deuteranopia**  
6309888



# Trichromacy



**Original Color**  
7421708

**Protanomaly**  
6309647

**Deuteranomaly**  
6702340

**Tritanomaly**  
7486508

# Monochromacy



**Original Color**  
7421708

**Achromatopsia**  
4737096

**Achromatomaly**  
5719346

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7421708 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 #713F0C looks like.

```
.text, #text, p{  
    color:#713F0C  
}
```

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 #713F0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #713F0C
}
```

## Border

The CSS property to change the border of an element to Decimal 7421708 is called "border". The border property can be set on classes, ids or directly on the HTML element.

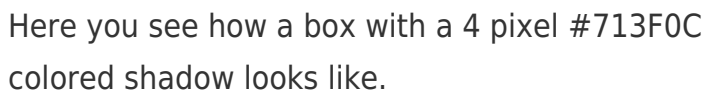
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#713F0C }
```

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

```
.border{ border-color:#713F0C }
```

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



Here you see how a box with a 4 pixel #713F0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #713F0C; -webkit-box-shadow:4px 4px  
4px 4px #713F0C; box-shadow:4px 4px 4px  
4px #713F0C }
```

# Background

The CSS property to change the background color of an element to Decimal 7421708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#713F0C }
```

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

```
.background{ background-color:#713F0C }
```

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