

# Converting Colors

Decimal(7421224)

Have a look what the booklet for  
Decimal(7421224) contains.

<b>Decimal(7421224)</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(7421224)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	713D28
RGB	113, 61, 40
RGB Percent	44%, 24%, 16%
CMY	0.5569, 0.7608, 0.8431
CMYK	0.00, 0.46, 0.65, 0.56
HSL	17°, 48%, 30%
HSV	17°, 65%, 44%
XYZ	8.8618, 7.0014, 2.8918
YIQ	74.1540, 37.7330, 4.4930

# Conversions

## Conversions Part 2

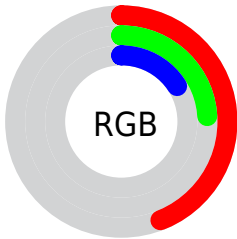
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 69, 40
Decimal	7421224
CIE <sub>Lab</sub>	31.81, 20.65, 22.76
CIE <sub>LCh</sub>	32, 30.729, 47.788
Yxy	7.0014, 0.4725, 0.3733
Android (android.graphics.Color)	4285611304 (0xFF713D28)
YUV	74.1540, -16.8379, 34.0679
Hunter-Lab	26.4602, 13.4763, 12.0423

# Details

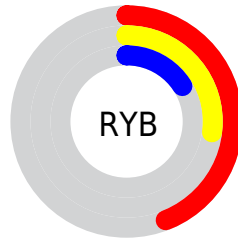
The Decimal color **7421224** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2645105**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **11038038**, and **4002048** is the 20% darker color. If you saturate the color by 10%, you get **7419165**, and if you desaturate by 10%, it is **7423283**.

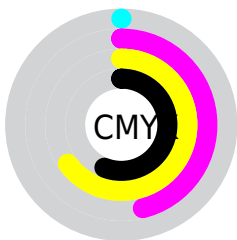
# Distribution



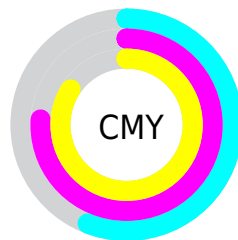
- Red (44%)
- Green (24%)
- Blue (16%)



- Red (44%)
- Yellow (27%)
- Blue (16%)



- Cyan (0%)
- Magenta (46%)
- Yellow (65%)
- Black (56%)



- Cyan (56%)
- Magenta (76%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7421224 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 7421224 by changing the saturation by 10% instead.



 7421224

 7421224

16777215

 5645843

 11038038

 4002048

 12879726

 2490368

 14786952

 0

 16759970

 16767165

 16774617

 16777205

 7421224

 7421224

■ 7419165

■ 7423283

■ 7417105

■ 7425343

■ 7415046

■ 7427402

■ 7414016

■ 7429461

■ 7431521

■ 7433580

■ 7435639

■ 7437698

■ 7439758

# Harmonies

## Analogous

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



7878205



7421224



6374938

# Triad

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



7421224



22080



3885177

# Complementary

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



7421224



2645105

# 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.



20602



7421224



22361

# Square

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



7421224



3101481



21870



6242155

# Rectangle

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



7421224



5458968



21870



2837371



# Sweetspot

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



7421224



9732216



7415900



4865593



13224393



4868682



# Same Dimension

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



7421224



9716257



7430440



3683378



7873024



16205568



# Inverse Universe

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



2645105



2192276



2635889



3290680



21880



45303



# Previews

## White Background



This preview shows how the Decimal color 7421224 looks on a white background.

## Color Contrast Check

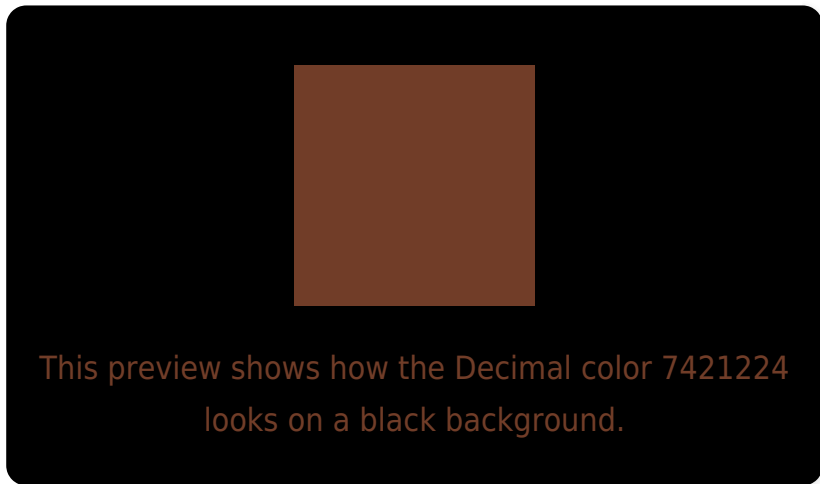
Large Text (above 18pt) WCAG AA ✓ Pass

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 7421224 Background



This preview shows how black text looks on a background with the Decimal color 7421224.



This preview shows how white text looks on a background with the Decimal color 7421224.

# 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**

7421224

**Protanopia**

5458733

**Deuteranopia**

6113318



**Tritanopia**  
7486014

# Trichromacy



**Original Color**

7421224

**Protanomaly**

6178347

**Deuteranomaly**

6571047

**Tritanomaly**

7486262

# Monochromacy



**Original Color**

7421224

**Achromatopsia**

4868682

**Achromatomaly**

5784894

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7421224 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 #713D28 looks like.

```
.text, #text, p{  
    color:#713D28  
}
```

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 #713D28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #713D28 }  
}
```

## Border

The CSS property to change the border of an element to Decimal 7421224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

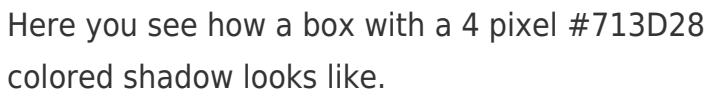
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #713D28 }  
}
```

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

```
.border{ border-color:#713D28 }
```

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



Here you see how a box with a 4 pixel #713D28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #713D28; -webkit-box-shadow:4px 4px  
4px 4px #713D28; box-shadow:4px 4px 4px  
4px #713D28 }
```

# Background

The CSS property to change the background color of an element to Decimal 7421224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#713D28 }
```

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

```
.background{ background-color:#713D28 }
```

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