

# Converting Colors

Decimal(7228211)

Have a look what the booklet for  
Decimal(7228211) contains.

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**Color**

**Decimal(7228211)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E4B33
RGB	110, 75, 51
RGB Percent	43%, 29%, 20%
CMY	0.5686, 0.7059, 0.8000
CMYK	0.00, 0.32, 0.54, 0.57
HSL	24°, 37%, 32%
HSV	24°, 54%, 43%
XYZ	9.5440, 8.5862, 4.2862
YIQ	82.7290, 28.5640, -0.0440

# Conversions

## Conversions Part 2

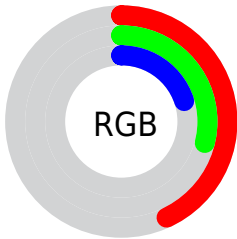
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 91, 51
Decimal	7228211
CIE Lab	35.17, 11.82, 20.20
CIE LCh	35, 23.400, 59.669
Yxy	8.5862, 0.4258, 0.3830
Android (android.graphics.Color)	4285418291 (0xFF6E4B33)
YUV	82.7290, -15.6424, 23.9167
Hunter-Lab	29.3022, 6.8606, 11.8387

# Details

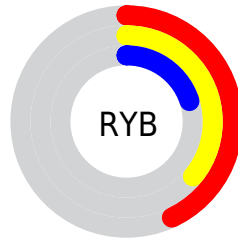
The Decimal color **7228211** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3364462**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **10714210**, and **3940102** is the 20% darker color. If you saturate the color by 10%, you get **7226408**, and if you desaturate by 10%, it is **7230014**.

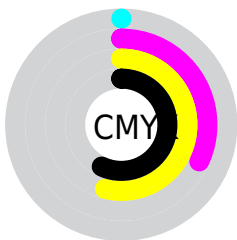
# Distribution



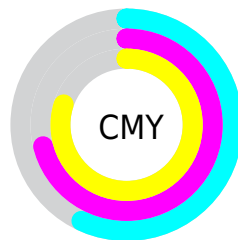
- Red (43%)
- Green (29%)
- Blue (20%)



- Red (43%)
- Yellow (36%)
- Blue (20%)



- Cyan (0%)
- Magenta (32%)
- Yellow (54%)
- Black (57%)



- Cyan (57%)
- Magenta (71%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7228211 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 7228211 by changing the saturation by 10% instead.



 7228211

 7228211

16777215

 5518365

 10714210

 3940102

 12555899

 2427136

 14463125

 0

 16370863

 16771275

 16777191

 7228211

 7228211

 7226408

 7230014

■ 7224861

■ 7231561

■ 7223058

■ 7233364

■ 7221511

■ 7234911

■ 7220480

■ 7236714

■ 7238261

■ 7240064

■ 7241611

■ 7243414

# Harmonies

## Analogous

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



7751233



7228211



6246957

# Triad

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



7228211



1727826



5525107

# Complementary

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



7228211



3364462

# 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.



3626360



7228211



23653

# Square

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



7228211



3496767



1137266



6965094

# Rectangle

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



7228211



5461295



1137266



4935798



# Sweetspot

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



7228211



9404792



7222102



4669242



13092807



4671303



# Same Dimension

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



7228211



9394483



7235635



3683634



7876864



16213248



# Inverse Universe

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



3364462



3369615



3357038



3290680



18296



37879



# Previews

## White Background



This preview shows how the Decimal color 7228211 looks on a white background.

## Color Contrast Check

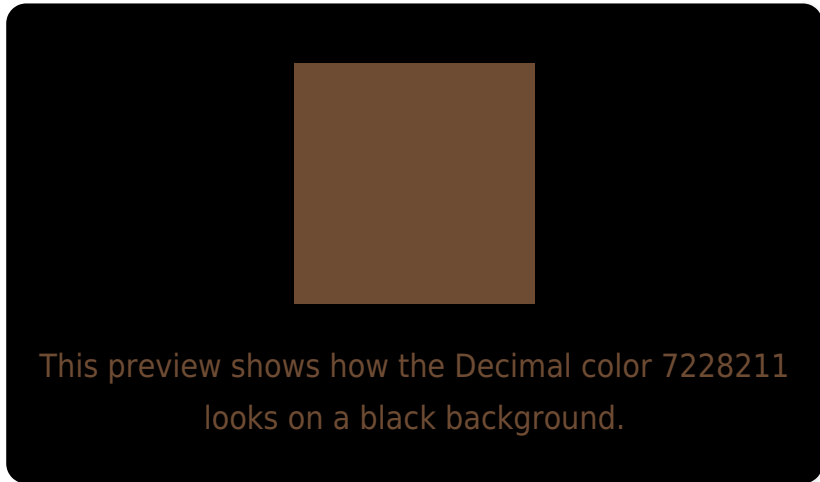
Large Text (above 18pt) WCAG AA ✓ Pass

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

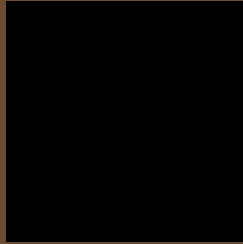
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7228211 Background



This preview shows how black text looks on a background with the Decimal color 7228211.



This preview shows how white text looks on a background with the Decimal color 7228211.

# 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**  
7228211

**Protanopia**  
5919542

**Deuteranopia**  
6639410



**Tritanopia**  
7358541

# Trichromacy



**Original Color**  
7228211

**Protanomaly**  
6377525

**Deuteranomaly**  
6835762

**Tritanomaly**  
7293252

# Monochromacy



**Original Color**  
7228211

**Achromatopsia**  
5460819

**Achromatomaly**  
6115399

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7228211 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 #6E4B33 looks like.

```
.text, #text, p{  
  color:#6E4B33  
}
```

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 #6E4B33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E4B33
}
```

## Border

The CSS property to change the border of an element to Decimal 7228211 is called "border". The border property can be set on classes, ids or directly on the HTML element.

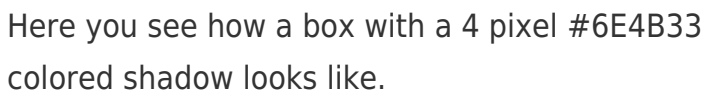
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E4B33 }
```

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

```
.border{ border-color:#6E4B33 }
```

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



Here you see how a box with a 4 pixel #6E4B33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E4B33; -webkit-box-shadow:4px 4px  
4px 4px #6E4B33; box-shadow:4px 4px 4px  
4px #6E4B33 }
```

# Background

The CSS property to change the background color of an element to Decimal 7228211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E4B33 }
```

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

```
.background{ background-color:#6E4B33 }
```

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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