

# Converting Colors

Decimal(7226701)

Have a look what the booklet for  
Decimal(7226701) contains.

<b>Decimal(7226701)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Decimal(7226701)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E454D
RGB	110, 69, 77
RGB Percent	43%, 27%, 30%
CMY	0.5686, 0.7294, 0.6980
CMYK	0.00, 0.37, 0.30, 0.57
HSL	348°, 23%, 35%
HSV	348°, 37%, 43%
XYZ	9.8981, 8.1071, 8.0643
YIQ	82.1710, 21.8680, 11.1800

# Conversions

## Conversions Part 2

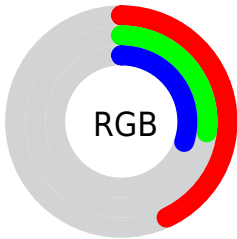
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 69, 77
Decimal	7226701
CIE <sub>Lab</sub>	34.20, 18.84, 2.57
CIE <sub>LCh</sub>	34, 19.012, 7.766
Yxy	8.1071, 0.3797, 0.3110
Android (android.graphics.Color)	4285416781 (0xFF6E454D)
YUV	82.1710, -2.5493, 24.4060
Hunter-Lab	28.4729, 12.2247, 3.1385

# Details

The Decimal color **7226701** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4550246**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **10712702**, and **4003873** is the 20% darker color. If you saturate the color by 10%, you get **7223876**, and if you desaturate by 10%, it is **7229526**.

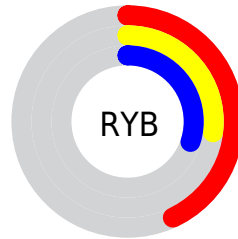
# Distribution



Red (43%)

Green (27%)

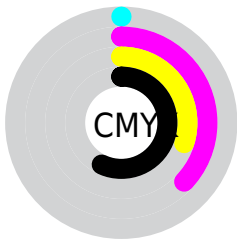
Blue (30%)



Red (43%)

Yellow (27%)

Blue (30%)

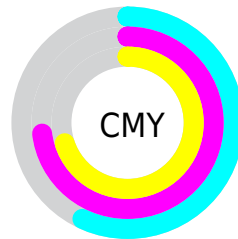


Cyan (0%)

Magenta (37%)

Yellow (30%)

Black (57%)



Cyan (57%)

Magenta (73%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7226701 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 7226701 by changing the saturation by 10% instead.



 7226701

 7226701

16777215

 5582390

 10712702

 4003873

 12488856

 2555914

 14330546

 0

 16238286

 16769770

16776959

 7226701

 7226701

 7223876

 7229526

 7221051

 7232351

 7218226

 7235176

 7215402

 7238000

 7212577

 7240825

 7209752

 7243650

 7208981

 7246475

 7249300

 7252125

# Harmonies

## Analogous

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



6768476



7226701



7161663

# Triad

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



7226701



4609336



2839916

# Complementary

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



7226701



4550246

# 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.



1923170



7226701



3496005

# Square

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



7226701



5722418



2382164



4346222

# Rectangle

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



7226701



6834743



2382164



2446954



# Sweetspot

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



7226701



9404290



6702446



4668992



13092807



4671303



# Same Dimension

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



7226701



9391963



7229765



3682868



7864343



16187440



# Inverse Universe

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



7226701



9391963



4547182



3682868



7864343

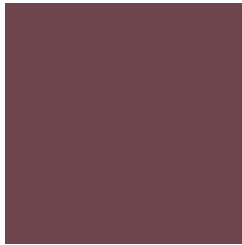


16187440



# Previews

## White Background



This preview shows how the Decimal color 7226701 looks on a white background.

## Color Contrast Check

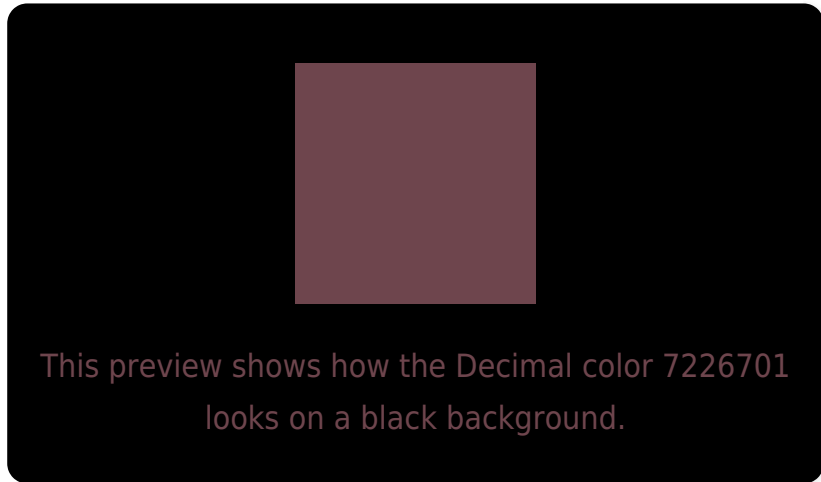
Large Text (above 18pt) WCAG AA ✓ Pass

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 7226701 Background



This preview shows how black text looks on a background with the Decimal color 7226701.



This preview shows how white text looks on a background with the Decimal color 7226701.

# 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**

7226701

**Protanopia**

5328979

**Deuteranopia**

5983819



# Trichromacy



**Original Color**  
7226701

**Protanomaly**  
6048849

**Deuteranomaly**  
6441804

**Tritanomaly**  
7226700

# Monochromacy



**Original Color**  
7226701

**Achromatopsia**  
5395026

**Achromatomaly**  
6049104

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7226701 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 #6E454D looks like.

```
.text, #text, p{  
  color:#6E454D  
}
```

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 #6E454D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E454D
}
```

## Border

The CSS property to change the border of an element to Decimal 7226701 is called "border". The border property can be set on classes, ids or directly on the HTML element.

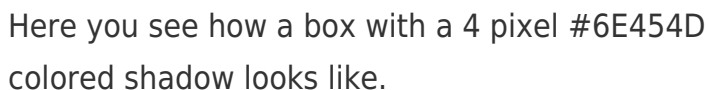
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E454D }
```

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

```
.border{ border-color:#6E454D }
```

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



Here you see how a box with a 4 pixel #6E454D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E454D; -webkit-box-shadow:4px 4px  
4px 4px #6E454D; box-shadow:4px 4px 4px  
4px #6E454D }
```

# Background

The CSS property to change the background color of an element to Decimal 7226701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E454D }
```

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

```
.background{ background-color:#6E454D }
```

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