

# Converting Colors

Decimal(7232346)

Have a look what the booklet for  
Decimal(7232346) contains.

<b>Decimal(7232346)</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(7232346)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E5B5A
RGB	110, 91, 90
RGB Percent	43%, 36%, 35%
CMY	0.5686, 0.6431, 0.6471
CMYK	0.00, 0.17, 0.18, 0.57
HSL	3°, 10%, 39%
HSV	3°, 18%, 43%
XYZ	12.0170, 11.5354, 11.2660
YIQ	96.5670, 11.6450, 3.7170

# Conversions

## Conversions Part 2

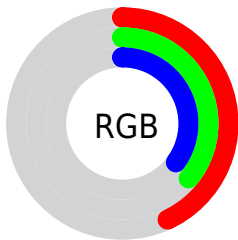
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 91, 90
Decimal	7232346
CIE Lab	40.47, 7.55, 3.47
CIE LCh	40, 8.312, 24.641
Yxy	11.5354, 0.3451, 0.3313
Android (android.graphics.Color)	4285422426 (0xFF6E5B5A)
YUV	96.5670, -3.2375, 11.7807
Hunter-Lab	33.9637, 3.7198, 4.1076

# Details

The Decimal color **7232346** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5926254**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **10653068**, and **4074797** is the 20% darker color. If you saturate the color by 10%, you get **7229775**, and if you desaturate by 10%, it is **7234917**.

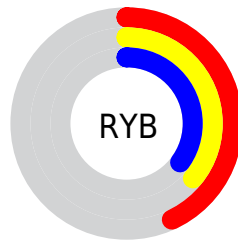
# Distribution



Red (43%)

Green (36%)

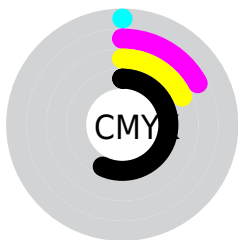
Blue (35%)



Red (43%)

Yellow (36%)

Blue (35%)

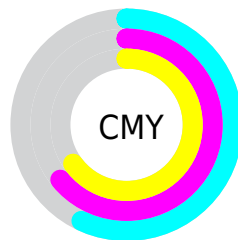


Cyan (0%)

Magenta (17%)

Yellow (18%)

Black (57%)



Cyan (57%)

Magenta (64%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7232346 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 7232346 by changing the saturation by 10% instead.



■ 7232346

■ 7232346

16777215

■ 5588035

■ 10653068

■ 4074797

■ 12429478

■ 2627864

■ 14271425

■ 1310720

■ 16113629

■ 0

■ 16776186

■ 7232346

■ 7232346

■ 7229775

■ 7234917

■ 7226948

■ 7237744

■ 7224377

■ 7240315

■ 7221550

■ 7243142

■ 7218979

■ 7245713

■ 7216152

■ 7248540

■ 7213581

■ 7251111

■ 7210754

■ 7253938

■ 7210240

■ 7256509

# Harmonies

## Analogous

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



7101281



7232346



7101525

# Triad

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



7232346



5726807



5726317

# Complementary

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



7232346



5926254

# 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.



5268074



7232346



5333854

# Square

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



7232346



6250835



5137253



6250092

# Rectangle

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



7232346



6839890



5137253



5529964



# Sweetspot

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



7232346



9406600



7232109



4670275



13092807



4671303



# Same Dimension

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



7232346



9400687



7234906



3683122



7865856



16190464



# Inverse Universe

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



5926254



7310735



5923694



3291192



29304



60407



# Previews

## White Background



This preview shows how the Decimal color 7232346 looks on a white background.

## Color Contrast Check

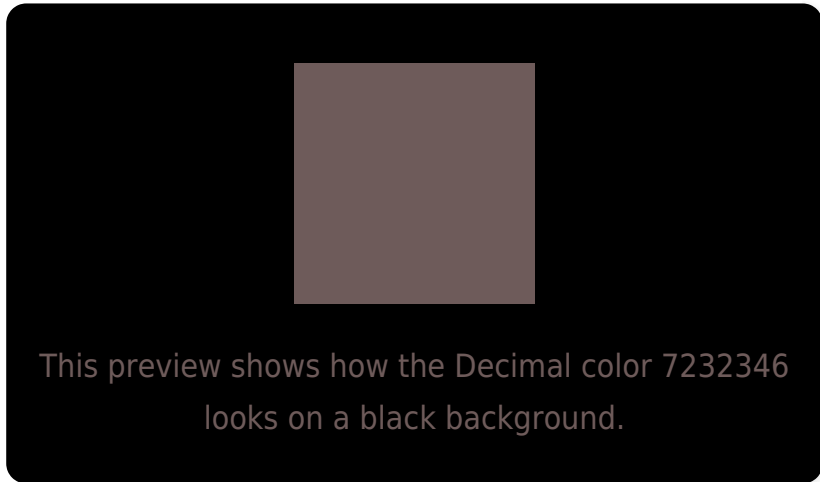
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

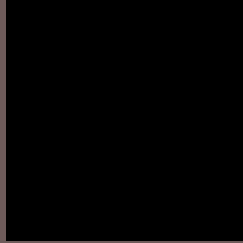
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7232346 Background



This preview shows how black text looks on a background with the Decimal color 7232346.



This preview shows how white text looks on a background with the Decimal color 7232346.

# 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**


7232346

**Protanopia**

6446940

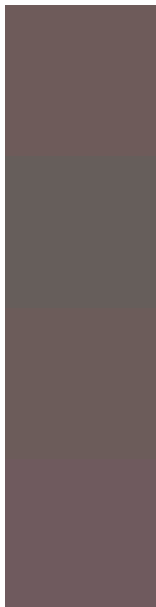
**Deuteranopia**

7035994



**Tritanopia**  
7297633

# Trichromacy



**Original Color**

7232346

**Protanomaly**

6708827

**Deuteranomaly**

7101530

**Tritanomaly**

7297630

# Monochromacy



**Original Color**

7232346

**Achromatopsia**

6381921

**Achromatomaly**

6709086

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7232346 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 #6E5B5A looks like.

```
.text, #text, p{  
    color:#6E5B5A  
}
```

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 #6E5B5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E5B5A
}
```

## Border

The CSS property to change the border of an element to Decimal 7232346 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".

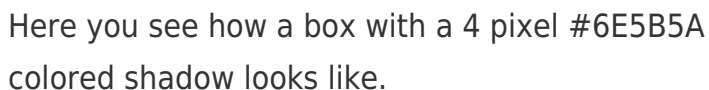
```
.border, #border, table{ border:4px solid
#6E5B5A }
```

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

```
.border{ border-color:#6E5B5A }
```

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

Here you see how a box with a 4 pixel #6E5B5A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E5B5A; -webkit-box-shadow:4px 4px  
4px 4px #6E5B5A; box-shadow:4px 4px 4px  
4px #6E5B5A }
```

# Background

The CSS property to change the background color of an element to Decimal 7232346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E5B5A }
```

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

```
.background{ background-color:#6E5B5A }
```

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