

# Converting Colors

Decimal(7624764)

Have a look what the booklet for  
Decimal(7624764) contains.

<b>Decimal(7624764)</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(7624764)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74583C
RGB	116, 88, 60
RGB Percent	45%, 35%, 24%
CMY	0.5451, 0.6549, 0.7647
CMYK	0.00, 0.24, 0.48, 0.55
HSL	30°, 32%, 35%
HSV	30°, 48%, 45%
XYZ	11.5078, 11.0187, 5.7953
YIQ	93.1800, 25.6760, -2.7720

# Conversions

## Conversions Part 2

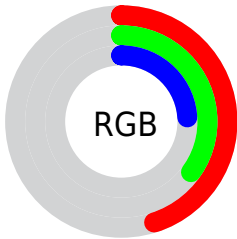
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 116, 60
Decimal	7624764
CIE <sub>Lab</sub>	39.61, 7.65, 20.65
CIE <sub>LCh</sub>	40, 22.022, 69.676
Yxy	11.0187, 0.4063, 0.3891
Android (android.graphics.Color)	4285814844 (0xFF74583C)
YUV	93.1800, -16.3577, 20.0131
Hunter-Lab	33.1944, 3.7919, 12.8849

# Details

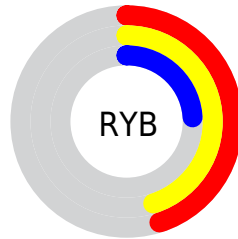
The Decimal color **7624764** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3954804**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **11111020**, and **4336401** is the 20% darker color. If you saturate the color by 10%, you get **7623216**, and if you desaturate by 10%, it is **7626312**.

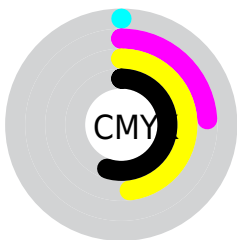
# Distribution



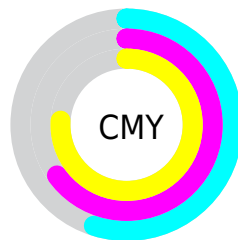
- Red (45%)
- Green (35%)
- Blue (24%)



- Red (45%)
- Yellow (45%)
- Blue (24%)



- Cyan (0%)
- Magenta (24%)
- Yellow (48%)
- Black (55%)



- Cyan (55%)
- Magenta (65%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7624764 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 7624764 by changing the saturation by 10% instead.





7624764



7624764

16777215



5914918



11111020



4336401



12952709



2823680



14860191



983040



16767930



0



16775382



16777203



7624764



7624764



7623216



7626312

■ 7621669

■ 7627859

■ 7620377

■ 7629151

■ 7618830

■ 7630698

■ 7617282

■ 7632246

■ 7617024

■ 7633794

■ 7635341

■ 7636633

■ 7638180

# Harmonies

## Analogous

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



8278599



7624764



6577722

# Triad

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



7624764



2451299



6772601

# Complementary

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



7624764



3954804

# 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.



5135744



7624764



1992308

# Square

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



7624764



3827280



3236735



7950698

# Rectangle

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



7624764



5726782



3236735



6248828



# Sweetspot

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



7624764



9866369



7617624



5064255



13421772



5066061



# Same Dimension

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



7624764



9857855



7631932



3881013



8011008



16416000



# Inverse Universe

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



3954804



4156310



3947636



3487803



15738

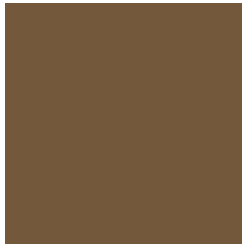


32250



# Previews

## White Background



This preview shows how the Decimal color 7624764 looks on a white background.

## Color Contrast Check

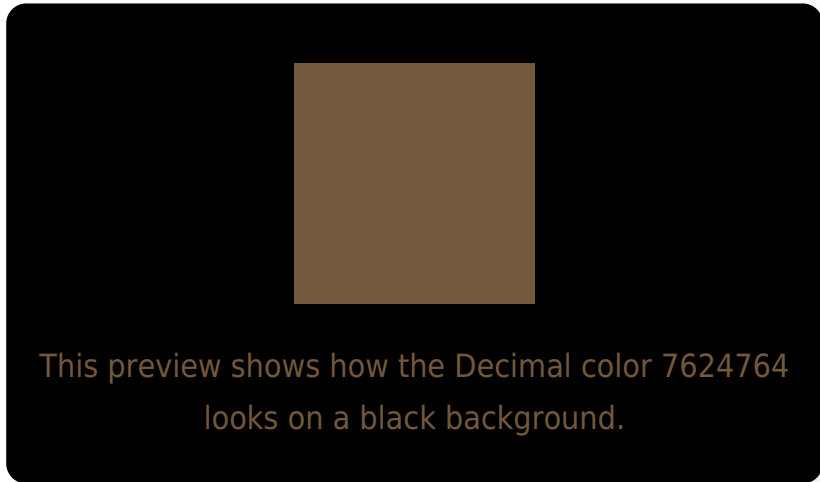
Large Text (above 18pt) WCAG AA ✓ Pass

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

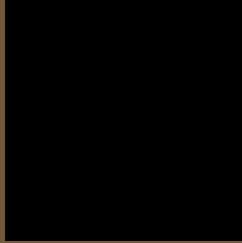
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7624764 Background



This preview shows how black text looks on a background with the Decimal color 7624764.



This preview shows how white text looks on a background with the Decimal color 7624764.

# 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**  
7624764

**Protanopia**  
6643262

**Deuteranopia**  
7428412



**Tritanopia**  
7820379

# Trichromacy



**Original Color**  
7624764

**Protanomaly**  
6970429

**Deuteranomaly**  
7493948

**Tritanomaly**  
7755088

# Monochromacy



**Original Color**  
7624764

**Achromatopsia**  
6118749

**Achromatomaly**  
6642513

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7624764 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 #74583C looks like.

```
.text, #text, p{  
  color:#74583C  
}
```

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 #74583C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74583C
}
```

## Border

The CSS property to change the border of an element to Decimal 7624764 is called "border". The border property can be set on classes, ids or directly on the HTML element.

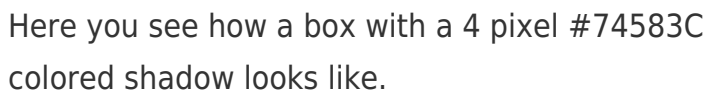
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#74583C }
```

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

```
.border{ border-color:#74583C }
```

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



Here you see how a box with a 4 pixel #74583C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74583C; -webkit-box-shadow:4px 4px  
4px 4px #74583C; box-shadow:4px 4px 4px  
4px #74583C }
```

# Background

The CSS property to change the background color of an element to Decimal 7624764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74583C }
```

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

```
.background{ background-color:#74583C }
```

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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