

# Converting Colors

Decimal(7749153)

Have a look what the booklet for  
Decimal(7749153) contains.

<b>Decimal(7749153)</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(7749153)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	763E21
RGB	118, 62, 33
RGB Percent	46%, 24%, 13%
CMY	0.5373, 0.7569, 0.8706
CMYK	0.00, 0.47, 0.72, 0.54
HSL	20°, 56%, 30%
HSV	20°, 72%, 46%
XYZ	9.4684, 7.4066, 2.3694
YIQ	75.4380, 42.6850, 2.8530

# Conversions

## Conversions Part 2

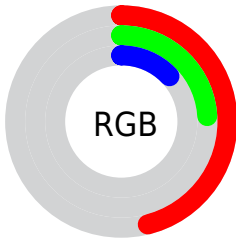
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 77, 33
Decimal	7749153
CIE <sub>Lab</sub>	32.72, 21.80, 28.15
CIE <sub>LCh</sub>	33, 35.610, 52.244
Yxy	7.4066, 0.4920, 0.3849
Android (android.graphics.Color)	4285939233 (0xFF763E21)
YUV	75.4380, -20.9219, 37.3269
Hunter-Lab	27.2151, 14.4752, 13.8886

# Details

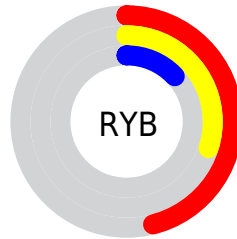
The Decimal color **7749153** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **2185590**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **11431503**, and **4264192** is the 20% darker color. If you saturate the color by 10%, you get **7747093**, and if you desaturate by 10%, it is **7751213**.

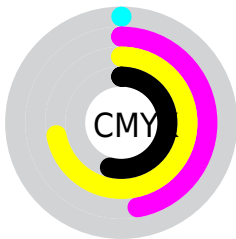
# Distribution



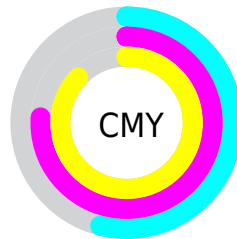
- Red (46%)
- Green (24%)
- Blue (13%)



- Red (46%)
- Yellow (30%)
- Blue (13%)



- Cyan (0%)
- Magenta (47%)
- Yellow (72%)
- Black (54%)



- Cyan (54%)
- Magenta (76%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7749153 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 7749153 by changing the saturation by 10% instead.





7749153



7749153

16777215



5973771



11431503



4264192



13338727



2686976



15245952



0



16760474



16767669



16774865



16777197



7749153



7749153

■ 7747093

■ 7751213

■ 7745033

■ 7753273

■ 7743488

■ 7755076

■ 7757136

■ 7759196

■ 7761256

■ 7763060

■ 7765119

■ 7767179

# Harmonies

## Analogous

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



8402233



7749153



6441233

# Triad

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



7749153



23108



4278657

# Complementary

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



7749153



2185590

# 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.



21125



7749153



23137

# Square

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



7749153



2381609



22649



6831472

# Rectangle

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



7749153



5328657



22649



2968708



# Sweetspot

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



7749153



10060663



7741786



5062457



13421772



5066061



# Same Dimension

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



7749153



10043925



7759905



3880757



8006144



16405760



# Inverse Universe

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



2185590



1404057



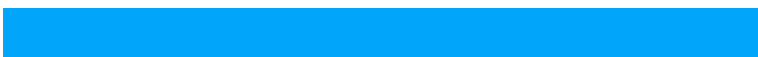
2174838



3488059



20858



42490



# Previews

## White Background



This preview shows how the Decimal color 7749153 looks on a white background.

## Color Contrast Check

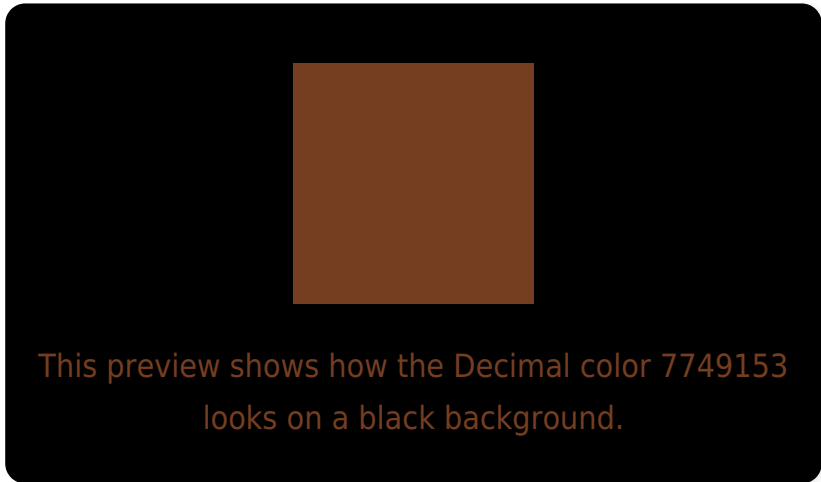
Large Text (above 18pt) WCAG AA ✓ Pass

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 7749153 Background



This preview shows how black text looks on a background with the Decimal color 7749153.



This preview shows how white text looks on a background with the Decimal color 7749153.

# 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**  
7749153

**Protanopia**  
5656102

**Deuteranopia**  
6375966



**Tritanopia**  
7879487

# Trichromacy



**Original Color**

7749153

**Protanomaly**

6440996

**Deuteranomaly**

6899231

**Tritanomaly**

7814196

# Monochromacy



**Original Color**

7749153

**Achromatopsia**

4934475

**Achromatomaly**

5981756

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7749153 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 #763E21 looks like.

```
.text, #text, p{  
  color:#763E21  
}
```

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 #763E21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #763E21
}
```

## Border

The CSS property to change the border of an element to Decimal 7749153 is called "border". The border property can be set on classes, ids or directly on the HTML element.

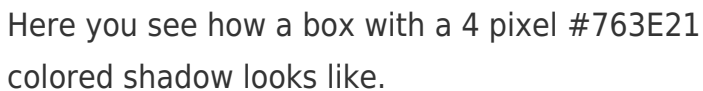
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#763E21 }
```

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

```
.border{ border-color:#763E21 }
```

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



Here you see how a box with a 4 pixel #763E21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #763E21; -webkit-box-shadow:4px 4px  
4px 4px #763E21; box-shadow:4px 4px 4px  
4px #763E21 }
```

# Background

The CSS property to change the background color of an element to Decimal 7749153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#763E21 }
```

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

```
.background{ background-color:#763E21 }
```

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