

# Converting Colors

Decimal(7756053)

Have a look what the booklet for  
Decimal(7756053) contains.

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**Color**

**Decimal(7756053)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	765915
RGB	118, 89, 21
RGB Percent	46%, 35%, 8%
CMY	0.5373, 0.6510, 0.9176
CMYK	0.00, 0.25, 0.82, 0.54
HSL	42°, 70%, 27%
HSV	42°, 82%, 46%
XYZ	11.1789, 11.0505, 2.2532
YIQ	89.9190, 39.1120, -15.0000

# Conversions

## Conversions Part 2

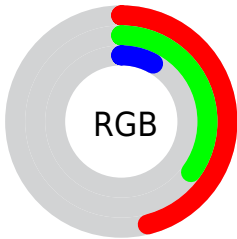
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	62, 118, 21
Decimal	7756053
CIE Lab	39.67, 5.04, 41.07
CIE LCh	40, 41.374, 83.003
Yxy	11.0505, 0.4566, 0.4514
Android (android.graphics.Color)	4285946133 (0xFF765915)
YUV	89.9190, -33.9771, 24.6270
Hunter-Lab	33.2422, 1.8535, 19.2508

# Details

The Decimal color **7756053** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **1389174**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **11373382**, and **4336640** is the 20% darker color. If you saturate the color by 10%, you get **7755017**, and if you desaturate by 10%, it is **7757089**.

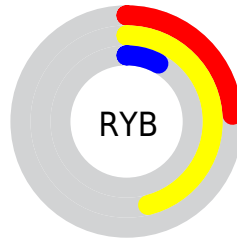
# Distribution



 Red (46%)

 Green (35%)

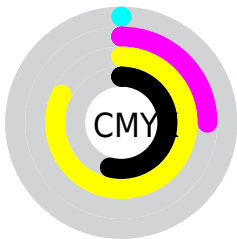
 Blue (8%)



 Red (24%)

 Yellow (46%)

 Blue (8%)

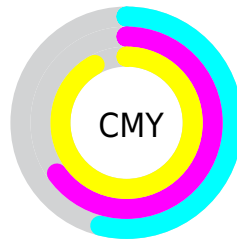


 Cyan (0%)


 Magenta (25%)

 Yellow (82%)

 Black (54%)



 Cyan (54%)

 Magenta (65%)

 Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7756053 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 7756053 by changing the saturation by 10% instead.



 7756053

 7756053

16777215

 5980672

 11373382

 4336640

 13280607

 2627584

 15188089

 589824

 16768147

 0

 16775342

 16777162

 16777190

 7756053

 7756053

■ 7755017

■ 7757089

■ 7754496

■ 7757869

■ 7758904

■ 7759684

■ 7760720

■ 7761500

■ 7762536

■ 7763315

■ 7764351

# Harmonies

## Analogous

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



9325608



7756053



5661466

# Triad

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



7756053



28279



8341894

# Complementary

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



7756053



1389174

# 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.



5265564



7756053



27539

# Square

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



7756053



27988



25760



9846631

# Rectangle

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



7756053



3958825



25760



7491215



# Sweetspot

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



7756053



10063475



7738674



5064246



13421772



5066061



# Same Dimension

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



7756053



10054658



6518293



3881269



8017408



16428800



# Inverse Universe

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



1389174



143257



2626934



3487547



9594



19450



# Previews

## White Background



This preview shows how the Decimal color 7756053 looks on a white background.

## Color Contrast Check

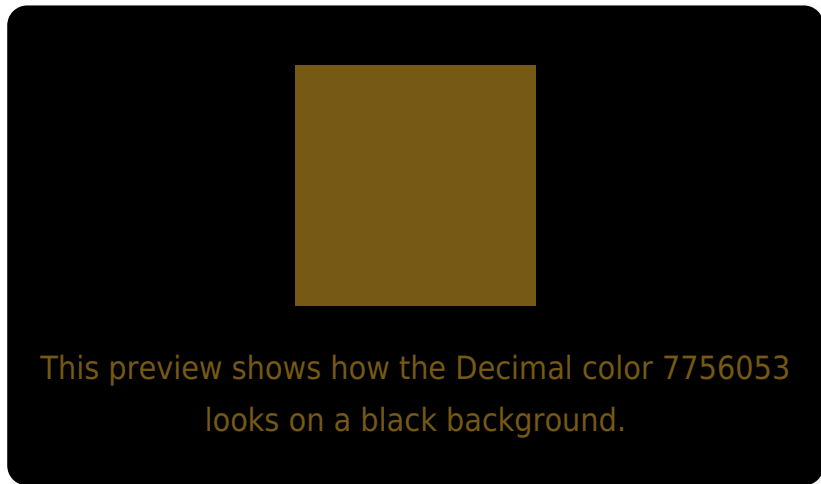
Large Text (above 18pt) WCAG AA ✓ Pass

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

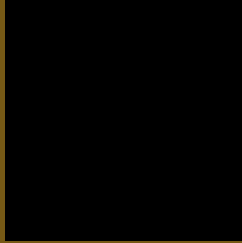
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7756053 Background



This preview shows how black text looks on a background with the Decimal color 7756053.



This preview shows how white text looks on a background with the Decimal color 7756053.

# 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**  
7756053

**Protanopia**  
6905366

**Deuteranopia**  
7756053



**Tritanopia**  
8016729

# Trichromacy



**Original Color**  
7756053

**Protanomaly**  
7232534

**Deuteranomaly**  
7756053

**Tritanomaly**  
7951680

# Monochromacy



**Original Color**  
7756053

**Achromatopsia**  
5921370

**Achromatomaly**  
6576705

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7756053 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 #765915 looks like.

```
.text, #text, p{  
    color:#765915  
}
```

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 #765915 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #765915
}
```

## Border

The CSS property to change the border of an element to Decimal 7756053 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
#765915 }
```

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

```
.border{ border-color:#765915 }
```

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

Here you see how a box with a 4 pixel #765915 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #765915; -webkit-box-shadow:4px 4px  
4px 4px #765915; box-shadow:4px 4px 4px  
4px #765915 }
```

# Background

The CSS property to change the background color of an element to Decimal 7756053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#765915 }
```

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

```
.background{ background-color:#765915 }
```

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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