

# Converting Colors

Decimal(7946015)

Have a look what the booklet for  
Decimal(7946015) contains.

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**Color**

**Decimal(7946015)**

# Conversions

## Conversions Part 1

Format	Color
Hex	793F1F
RGB	121, 63, 31
RGB Percent	47%, 25%, 12%
CMY	0.5255, 0.7529, 0.8784
CMYK	0.00, 0.48, 0.74, 0.53
HSL	21°, 59%, 30%
HSV	21°, 74%, 47%
XYZ	9.9100, 7.7189, 2.2639
YIQ	76.6940, 44.8400, 2.3440

# Conversions

## Conversions Part 2

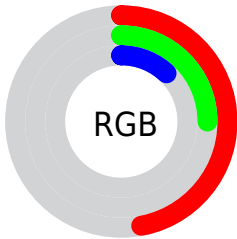
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 81, 31
Decimal	7946015
CIE <sub>Lab</sub>	33.39, 22.44, 30.16
CIE <sub>LCh</sub>	33, 37.594, 53.347
Yxy	7.7189, 0.4982, 0.3880
Android (android.graphics.Color)	4286136095 (0xFF793F1F)
YUV	76.6940, -22.5271, 38.8564
Hunter-Lab	27.7829, 15.0498, 14.6167

# Details

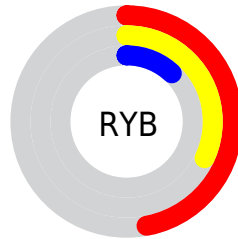
The Decimal color **7946015** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **2054521**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **11628621**, and **4395520** is the 20% darker color. If you saturate the color by 10%, you get **7943955**, and if you desaturate by 10%, it is **7948075**.

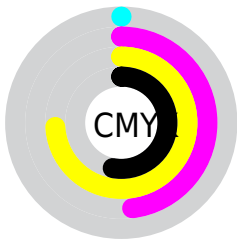
# Distribution



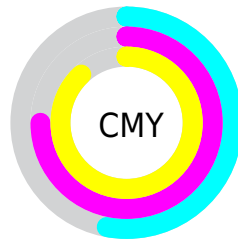
- Red (47%)
- Green (25%)
- Blue (12%)



- Red (47%)
- Yellow (32%)
- Blue (12%)



- Cyan (0%)
- Magenta (48%)
- Yellow (74%)
- Black (53%)



- Cyan (53%)
- Magenta (75%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7946015 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 7946015 by changing the saturation by 10% instead.



 7946015

 7946015

16777215

 6170632

 11628621

 4395520

 13535589

 2752512

 15508606

 0

 16760728

 16767923

 16775375

 16777195

 7946015

 7946015

■ 7943955

■ 7948075

■ 7941895

■ 7950135

■ 7940864

■ 7951939

■ 7953999

■ 7956059

■ 7958120

■ 7960180

■ 7961984

■ 7964044

# Harmonies

## Analogous

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



8664377



7946015



6572814

# Triad

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



7946015



23623



4409733

# Complementary

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



7946015



2054521

# 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.



21642



7946015



23909

# Square

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



7946015



2185769



23166



7093618

# Rectangle

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



7946015



5394702



23166



3034505



# Sweetspot

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



7946015



10389627



7937881



5194298



13619151



5197647



# Same Dimension

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



7946015



10371857



7957279



4012343



8203264



16538112



# Inverse Universe

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



2054521



1141918



2043001



3619645



20861



41980



# Previews

## White Background



This preview shows how the Decimal color 7946015 looks on a white background.

## Color Contrast Check

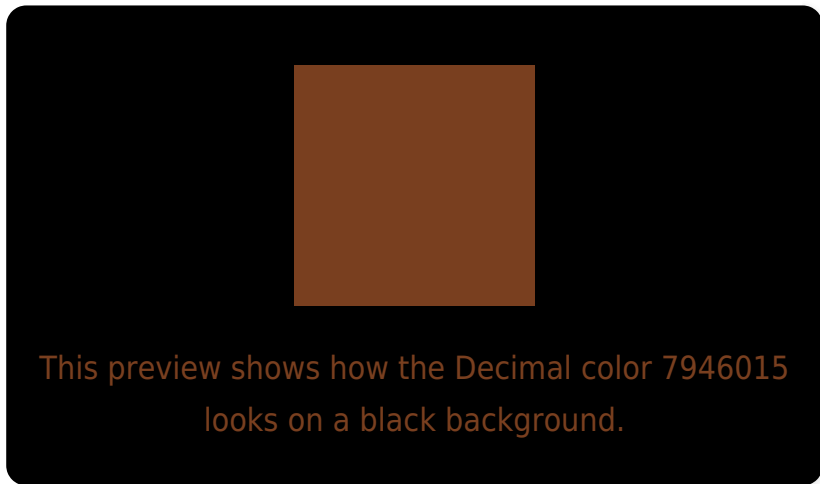
Large Text (above 18pt) WCAG AA ✓ Pass

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 7946015 Background



This preview shows how black text looks on a background with the Decimal color 7946015.



This preview shows how white text looks on a background with the Decimal color 7946015.

# 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**  
7946015

**Protanopia**  
5787428

**Deuteranopia**  
6507292



**Tritanopia**  
8076096

# Trichromacy



**Original Color**  
7946015

**Protanomaly**  
6572322

**Deuteranomaly**  
7030557

**Tritanomaly**  
8010804

# Monochromacy



**Original Color**  
7946015

**Achromatopsia**  
5066061

**Achromatomaly**  
6113340

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7946015 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 #793F1F looks like.

```
.text, #text, p{  
    color:#793F1F  
}
```

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 #793F1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #793F1F
}
```

## Border

The CSS property to change the border of an element to Decimal 7946015 is called "border". The border property can be set on classes, ids or directly on the HTML element.

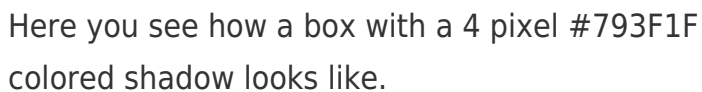
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#793F1F }
```

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

```
.border{ border-color:#793F1F }
```

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



Here you see how a box with a 4 pixel #793F1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #793F1F; -webkit-box-shadow:4px 4px  
4px 4px #793F1F; box-shadow:4px 4px 4px  
4px #793F1F }
```

# Background

The CSS property to change the background color of an element to Decimal 7946015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#793F1F }
```

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

```
.background{ background-color:#793F1F }
```

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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