

# Converting Colors

Decimal(11496746)

Have a look what the booklet for  
Decimal(11496746) contains.

<b>Decimal(11496746)</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(11496746)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF6D2A
RGB	175, 109, 42
RGB Percent	69%, 43%, 16%
CMY	0.3137, 0.5725, 0.8353
CMYK	0.00, 0.38, 0.76, 0.31
HSL	30°, 61%, 43%
HSV	30°, 76%, 69%
XYZ	23.5658, 20.2184, 4.8510
YIQ	121.0960, 60.8430, -6.8450

# Conversions

## Conversions Part 2

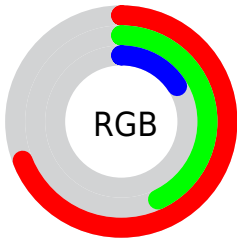
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	173, 175, 42
Decimal	11496746
CIE Lab	52.08, 20.65, 46.48
CIE LCh	52, 50.864, 66.048
Yxy	20.2184, 0.4845, 0.4157
Android (android.graphics.Color)	4289686826 (0xFFAF6D2A)
YUV	121.0960, -38.9943, 47.2738
Hunter-Lab	44.9649, 14.8620, 25.0790

# Details

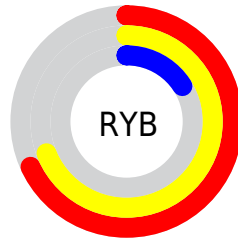
The Decimal color **11496746** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2780335**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **15442268**, and **7683328** is the 20% darker color. If you saturate the color by 10%, you get **11494425**, and if you desaturate by 10%, it is **11499067**.

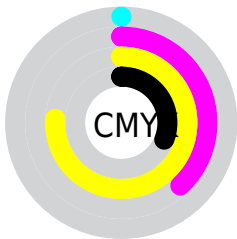
# Distribution



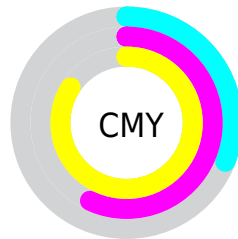
- Red (69%)
- Green (43%)
- Blue (16%)



- Red (68%)
- Yellow (69%)
- Blue (16%)



- Cyan (0%)
- Magenta (38%)
- Yellow (76%)
- Black (31%)



- Cyan (31%)
- Magenta (57%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11496746 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 11496746 by changing the saturation by 10% instead.



 11496746  11496746

16777215  9589776

 15442268  7683328

 16759925  5908224

 16767120  4067584

 16774315  2555904

 16777158  0

 16777187

 11496746  11496746

 11494425  11499067

■ 11492359

■ 11501133

■ 11491328

■ 11503455

■ 11505776

■ 11507842

■ 11510163

■ 11512484

■ 11514550

■ 11516872

# Harmonies

## Analogous

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



12999755



11496746



9141532

# Triad

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



11496746



37252



9072067

# Complementary

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



11496746



2780335

# 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.



2916051



11496746



37038

# Square

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



11496746



36695



35531



12082080

# Rectangle

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



11496746



7243047



35531



7566283



# Sweetspot

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



11496746



14928303



11479661



7562067



15921906



7566195



# Same Dimension

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



11496746



14908436



11513642



5722702



9849856



1510400



# Inverse Universe

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



2780335



1342435



2763439



5132887



19350

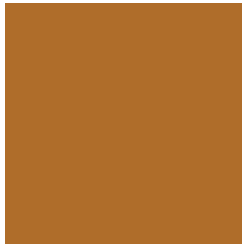


2839



# Previews

## White Background



This preview shows how the Decimal color 11496746 looks on a white background.

## Color Contrast Check

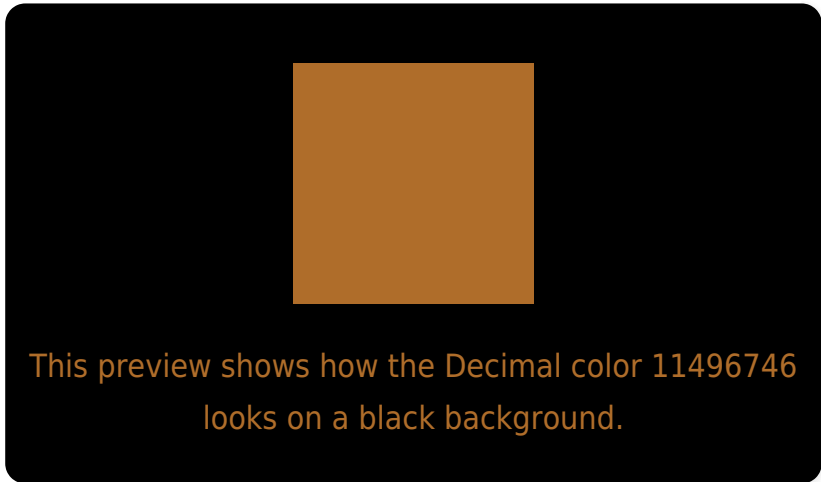
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

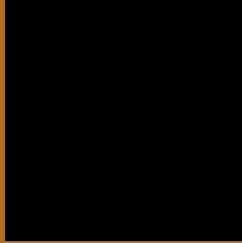
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 11496746 Background



This preview shows how black text looks on a background with the Decimal color 11496746.



This preview shows how white text looks on a background with the Decimal color 11496746.

# 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**  
11496746

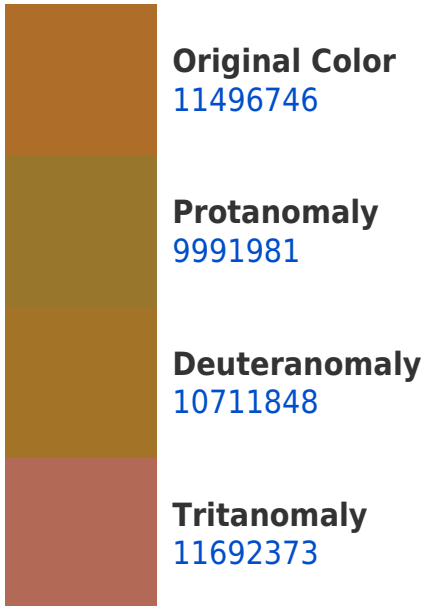
**Protanopia**  
9141550

**Deuteranopia**  
10253863



**Tritanopia**  
11757166

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11496746 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 #AF6D2A looks like.

```
.text, #text, p{  
    color:#AF6D2A  
}
```

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 #AF6D2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF6D2A
}
```

## Border

The CSS property to change the border of an element to Decimal 11496746 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
#AF6D2A }
```

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

```
.border{ border-color:#AF6D2A }
```

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

Here you see how a box with a 4 pixel #AF6D2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF6D2A; -webkit-box-shadow:4px 4px  
4px 4px #AF6D2A; box-shadow:4px 4px 4px  
4px #AF6D2A }
```

# Background

The CSS property to change the background color of an element to Decimal 11496746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF6D2A }
```

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

```
.background{ background-color:#AF6D2A }
```

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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