

# Converting Colors

Decimal(10776117)

Have a look what the booklet for  
Decimal(10776117) contains.

<b>Decimal(10776117)</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(10776117)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A46E35
RGB	164, 110, 53
RGB Percent	64%, 43%, 21%
CMY	0.3569, 0.5686, 0.7922
CMYK	0.00, 0.33, 0.68, 0.36
HSL	31°, 51%, 43%
HSV	31°, 68%, 64%
XYZ	21.5284, 19.3014, 5.9590
YIQ	119.6480, 50.4810, -6.2790

# Conversions

## Conversions Part 2

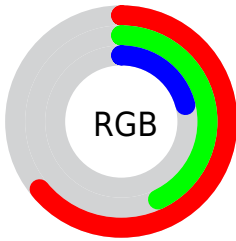
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 164, 53
Decimal	10776117
CIELab	51.04, 15.83, 39.65
CIElCh	51, 42.692, 68.237
Yxy	19.3014, 0.4601, 0.4125
Android (android.graphics.Color)	4288966197 (0xFFA46E35)
YUV	119.6480, -32.8575, 38.8967
Hunter-Lab	43.9334, 10.5857, 22.7114

# Details

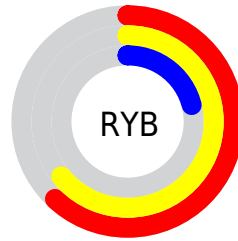
The Decimal color **10776117** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3500964**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **14590566**, and **7093764** is the 20% darker color. If you saturate the color by 10%, you get **10774053**, and if you desaturate by 10%, it is **10778181**.

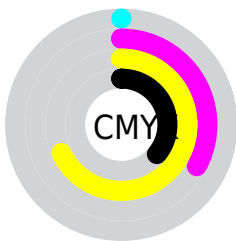
# Distribution



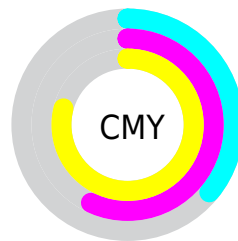
- Red (64%)
- Green (43%)
- Blue (21%)



- Red (62%)
- Yellow (64%)
- Blue (21%)



- Cyan (0%)
- Magenta (33%)
- Yellow (68%)
- Black (36%)




- Cyan (36%)
- Magenta (57%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10776117 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 10776117 by changing the saturation by 10% instead.



 10776117  10776117

16777215  8934941

 14590566  7093764

 16563584  5318656

 16767386  3609344

 16774581  2097152

 16777169  0

 16777198

 10776117  10776117

 10774053  10778181

■ 10771988

■ 10780246

■ 10769924

■ 10782310

■ 10769408

■ 10784375

■ 10786439

■ 10788503

■ 10790568

■ 10792632

■ 10794697

# Harmonies

## Analogous

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



12083534



10776117



8747822

# Triad

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



10776117



35971



9006259

# Complementary

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



10776117



3500964

# 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.



4946626



10776117



35494

# Square

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



10776117



2394717



34237



11427733

# Rectangle

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



10776117



7111222



34237



7893434



# Sweetspot

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



10776117



14074283



10761581



7036753



15461355



7039851



# Same Dimension

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



10776117



14058025



10789941



5393993



9521920



1181952



# Inverse Universe

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



3500964



2719190



3487140



4803922



18321



2322



# Previews

## White Background



This preview shows how the Decimal color 10776117 looks on a white background.

## Color Contrast Check

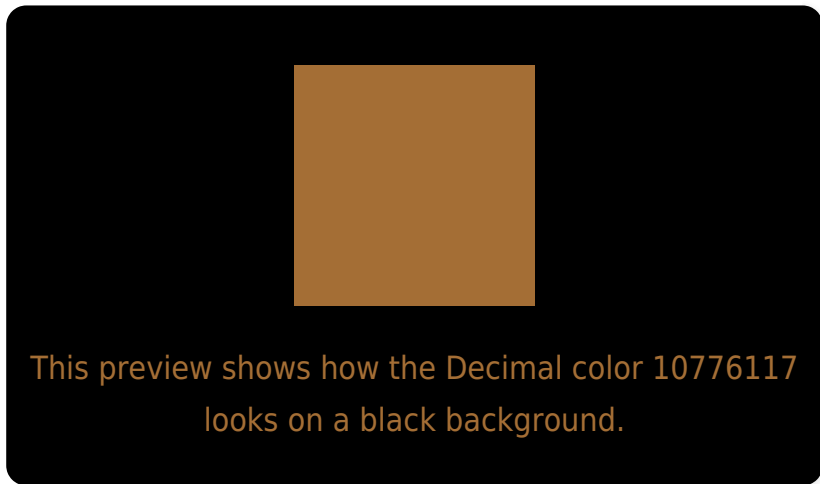
Large Text (above 18pt) WCAG AA ✓ Pass

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 10776117 Background



This preview shows how black text looks on a background with the Decimal color 10776117.



This preview shows how white text looks on a background with the Decimal color 10776117.

# 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**  
10776117

**Protanopia**  
8878649

**Deuteranopia**  
9925683



**Tritanopia**  
11036783

# Trichromacy



**Original Color**  
10776117

**Protanomaly**  
9598520

**Deuteranomaly**  
10252852

**Tritanomaly**  
10971738

# Monochromacy



**Original Color**  
10776117

**Achromatopsia**  
7895160

**Achromatomaly**  
8942688

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10776117 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 #A46E35 looks like.

```
.text, #text, p{  
    color:#A46E35  
}
```

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 #A46E35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A46E35
}
```

## Border

The CSS property to change the border of an element to Decimal 10776117 is called "border". The border property can be set on classes, ids or directly on the HTML element.

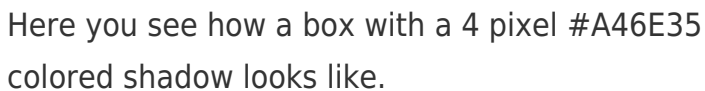
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A46E35 }
```

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

```
.border{ border-color:#A46E35 }
```

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



Here you see how a box with a 4 pixel #A46E35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A46E35; -webkit-box-shadow:4px 4px  
4px 4px #A46E35; box-shadow:4px 4px 4px  
4px #A46E35 }
```

# Background

The CSS property to change the background color of an element to Decimal 10776117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A46E35 }
```

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

```
.background{ background-color:#A46E35 }
```

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