

# Converting Colors

Decimal(10756373)

Have a look what the booklet for  
Decimal(10756373) contains.

<b>Decimal(10756373)</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(10756373)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A42115
RGB	164, 33, 21
RGB Percent	64%, 13%, 8%
CMY	0.3569, 0.8706, 0.9176
CMYK	0.00, 0.80, 0.87, 0.36
HSL	5°, 77%, 36%
HSV	5°, 87%, 64%
XYZ	15.9891, 9.0344, 1.6106
YIQ	70.8010, 81.9280, 24.0400

# Conversions

## Conversions Part 2

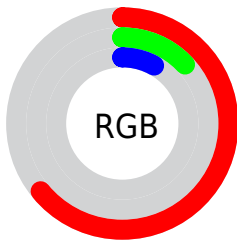
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 34, 21
Decimal	10756373
CIELab	36.05, 51.66, 40.65
CIELCh	36, 65.733, 38.197
Yxy	9.0344, 0.6003, 0.3392
Android (android.graphics.Color)	4288946453 (0xFFA42115)
YUV	70.8010, -24.5519, 81.7355
Hunter-Lab	30.0572, 42.3536, 17.8631

# Details

The Decimal color **10756373** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **1415332**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **14834242**, and **6750208** is the 20% darker color. If you saturate the color by 10%, you get **10752517**, and if you desaturate by 10%, it is **10760229**.

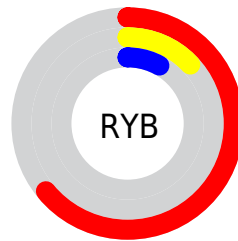
# Distribution



Red (64%)

Green (13%)

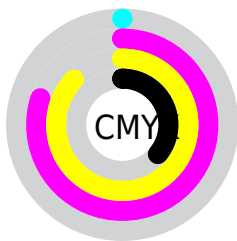
Blue (8%)



Red (64%)

Yellow (13%)

Blue (8%)

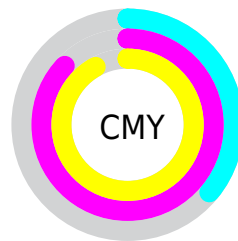


Cyan (0%)

Magenta (80%)

Yellow (87%)

Black (36%)



Cyan (36%)

Magenta (87%)
















Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10756373 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 10756373 by changing the saturation by 10% instead.



 10756373	 10756373
 16777212	 8781824
 14834242	 6750208
 16741723	 4784128
 16748915	 3014658
 16756109	 0
 16763304	
 16770755	
 16777183	
 10756373	 10756373

■ 10752517

■ 10760229

■ 10751488

■ 10764086

■ 10767942

■ 10771799

■ 10775655

■ 10779511

■ 10783368

■ 10787224

■ 10791081

# Harmonies

## Analogous

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



11403337



10756373



8798976

# Triad

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



10756373



26666



22463

# Complementary

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



10756373



1415332

# 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.



26040



10756373



27234

# Square

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



10756373



1729280



27285



6569641

# Rectangle

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



10756373



7033344



27285



24000



# Sweetspot

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



10756373



14066591



10753432



7032138



15461355



7039851



# Same Dimension

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



10756373



14029312



10774549



5392969



9505792



1179904



# Inverse Universe

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



1415332



50390



1397156



4804946



34193



4114



# Previews

## White Background



This preview shows how the Decimal color 10756373 looks on a white background.

## Color Contrast Check

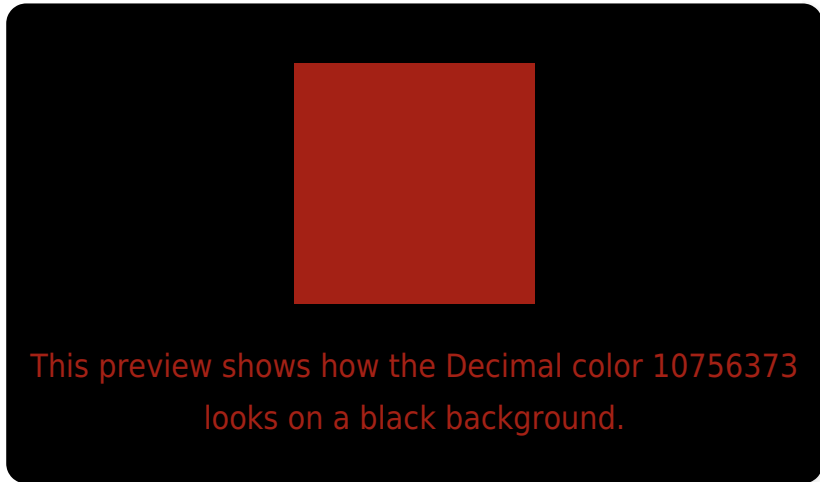
Large Text (above 18pt) WCAG AA ✓ Pass

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 10756373 Background



This preview shows how black text looks on a background with the Decimal color 10756373.



This preview shows how white text looks on a background with the Decimal color 10756373.

# 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**  
10756373

**Protanopia**  
6313506

**Deuteranopia**  
7164416



# Trichromacy



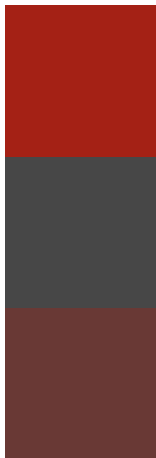
**Original Color**  
10756373

**Protanomaly**  
7947037

**Deuteranomaly**  
8470536

**Tritanomaly**  
10756123

# Monochromacy



**Original Color**  
10756373

**Achromatopsia**  
4671303

**Achromatomaly**  
6895925

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10756373 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 #A42115 looks like.

```
.text, #text, p{  
    color:#A42115  
}
```

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 #A42115 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A42115
}
```

## Border

The CSS property to change the border of an element to Decimal 10756373 is called "border". The border property can be set on classes, ids or directly on the HTML element.

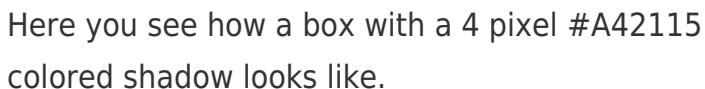
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A42115 }
```

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

```
.border{ border-color:#A42115 }
```

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



Here you see how a box with a 4 pixel #A42115 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A42115; -webkit-box-shadow:4px 4px  
4px 4px #A42115; box-shadow:4px 4px 4px  
4px #A42115 }
```

# Background

The CSS property to change the background color of an element to Decimal 10756373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A42115 }
```

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

```
.background{ background-color:#A42115 }
```

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