

Converting Colors

Decimal(11476737)

Have a look what the booklet for
Decimal(11476737) contains.

Decimal(11476737)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(11476737)

Conversions

Conversions Part 1

Format	Color
Hex	AF1F01
RGB	175, 31, 1
RGB Percent	69%, 12%, 0%
CMY	0.3137, 0.8784, 0.9961
CMYK	0.00, 0.82, 0.99, 0.31
HSL	10°, 99%, 35%
HSV	10°, 99%, 69%
XYZ	18.1747, 10.0961, 1.0196
YIQ	70.6360, 95.4540, 21.1980

Conversions

Conversions Part 2

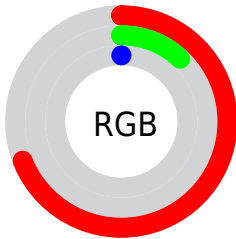
Format	Color
R_{YB}	175, 37, 1
Decimal	11476737
CIE _{Lab}	38.01, 55.24, 50.97
CIE _{LCh}	38, 75.163, 42.701
Yxy	10.0961, 0.6205, 0.3447
Android (android.graphics.Color)	4289666817 (0xFFAF1F01)
YUV	70.6360, -34.3305, 91.5272
Hunter-Lab	31.7744, 46.4951, 20.3396

Details

The Decimal color **11476737** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **102831**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **15686452**, and **7405568** is the 20% darker color. If you saturate the color by 10%, you get **11476480**, and if you desaturate by 10%, it is **11480338**.

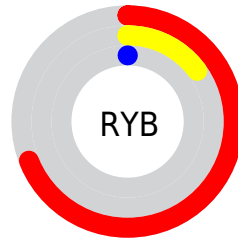
Distribution



Red (69%)

Green (12%)

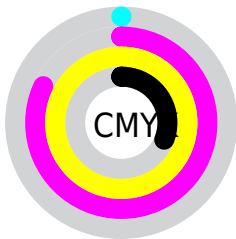
Blue (0%)



Red (69%)

Yellow (15%)

Blue (0%)

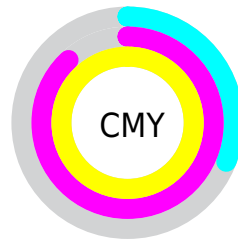


Cyan (0%)

Magenta (82%)

Yellow (99%)

Black (31%)



Cyan (31%)



















Magenta (88%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11476737 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 11476737 by changing the saturation by 10% instead.

 11476737	 11476737
 16777197	 9437184
 15686452	 7405568
 16741964	 5373952
 16749157	 3604482
 16756351	 589824
 16763801	 0
 16771252	
 16777168	
 11476737	 11476737

■ 11476480

■ 11480338

■ 11484196

■ 11487798

■ 11491655

■ 11495257

■ 11499114

■ 11502716

■ 11506573

■ 11510175

Harmonies

Analogous

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



12517443



11476737



9062656

Triad

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



11476737



28722



23251

Complementary

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



11476737



102831

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.



27600



11476737



29299

Square

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



11476737



27136



29100



7878836

Rectangle

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



11476737



6904064



29100



25046

Sweetspot

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



11476737



14920607



11469202



7557449



15921906



7566195

Same Dimension

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



11476737



14886656



11498753



5722190



9837056



1508352

Inverse Universe

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



102831



48355



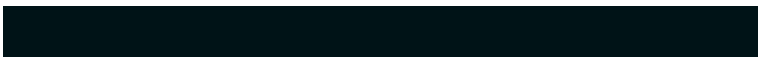
80815



5133655



32150



4887

Previews

White Background



This preview shows how the Decimal color 11476737 looks on a white background.

Color Contrast Check

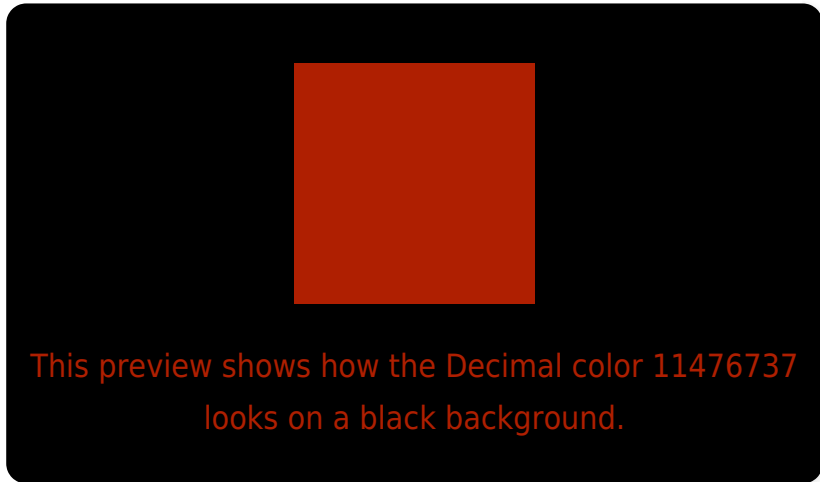
Large Text (above 18pt) WCAG AA ✓ Pass

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

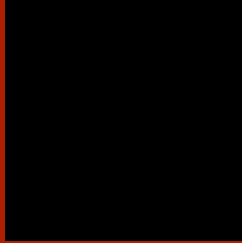
Any Text WCAG AA × Fail

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 11476737 Background



This preview shows how black text looks on a background with the Decimal color 11476737.



This preview shows how white text looks on a background with the Decimal color 11476737.

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

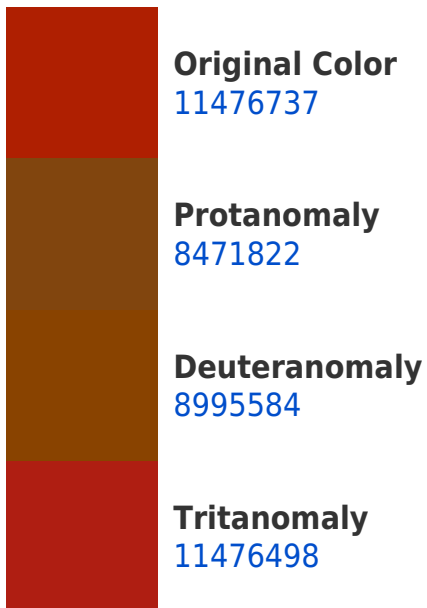


Original Color
11476737

Protanopia
6707989

Deuteranopia
7558912

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 11476737 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 #AF1F01 looks like.

```
.text, #text, p{  
  color:#AF1F01  
}
```

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 #AF1F01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF1F01
}
```

Border

The CSS property to change the border of an element to Decimal 11476737 is called "border". The border property can be set on classes, ids or directly on the HTML element.

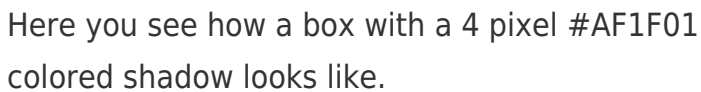
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF1F01 }
```

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

```
.border{ border-color:#AF1F01 }
```

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



Here you see how a box with a 4 pixel `#AF1F01` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF1F01; -webkit-box-shadow:4px 4px  
4px 4px #AF1F01; box-shadow:4px 4px 4px  
4px #AF1F01 }
```

Background

The CSS property to change the background color of an element to Decimal 11476737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF1F01 }
```

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

```
.background{ background-color:#AF1F01 }
```

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