

Converting Colors

Decimal(11730980)

Have a look what the booklet for
Decimal(11730980) contains.

Decimal(11730980)	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(11730980)

Conversions

Conversions Part 1

Format	Color
Hex	B30024
RGB	179, 0, 36
RGB Percent	70%, 0%, 14%
CMY	0.2980, 1.0000, 0.8588
CMYK	0.00, 1.00, 0.80, 0.30
HSL	348°, 100%, 35%
HSV	348°, 100%, 70%
XYZ	18.9088, 9.7111, 2.5469
YIQ	57.6250, 95.1280, 49.1440

Conversions

Conversions Part 2

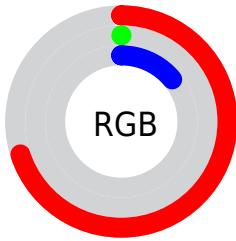
Format	Color
R_{YB}	179, 0, 36
Decimal	11730980
CIE Lab	37.32, 62.06, 34.73
CIE LCh	37, 71.120, 29.232
Yxy	9.7111, 0.6067, 0.3116
Android (android.graphics.Color)	4289921060 (0xFFB30024)
YUV	57.6250, -10.6611, 106.4459
Hunter-Lab	31.1626, 53.7756, 16.9681

Details

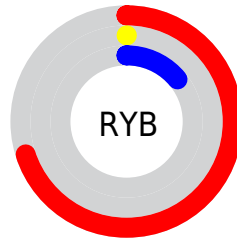
The Decimal color **11730980** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **45967**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **15880273**, and **7667712** is the 20% darker color. If you saturate the color by 10%, you get **11730980**, and if you desaturate by 10%, it is **11735602**.

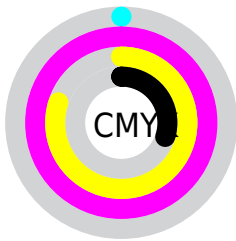
Distribution



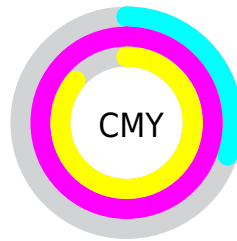
- Red (70%)
- Green (0%)
- Blue (14%)



- Red (70%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (80%)
- Black (30%)






- Cyan (30%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 11730980 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 11730980 by changing the saturation by 10% instead.

 11730980	 11730980
 16777215	 9699344
 15880273	 7667712
 16739689	 5636097
 16746882	 3801090
 16754333	 1179648
 16761784	 0
 16769235	
 16776944	
 11730980	

 11735602

 11740225

 11744847

 11749469

 11754091

 11758458

 11763080

 11767702

 11772325

Harmonies

Analogous

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



11927644



11730980



9976576

Triad

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



11730980



27412



25037

Complementary

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



11730980



45967

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.



27835



11730980



28245

Square

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



11730980



3367936



28559



4540862

Rectangle

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



11730980



8211968



28559



26058

Sweetspot

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



11730980



15246000



9175219



7686996



16119285



7697781

Same Dimension

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



11730980



15204399



11744000



5853266



10027039



1703941

Inverse Universe

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



11730980



15204399



32947



5853266



10027039



1703941

Previews

White Background



This preview shows how the Decimal color 11730980 looks on a white background.

Color Contrast Check

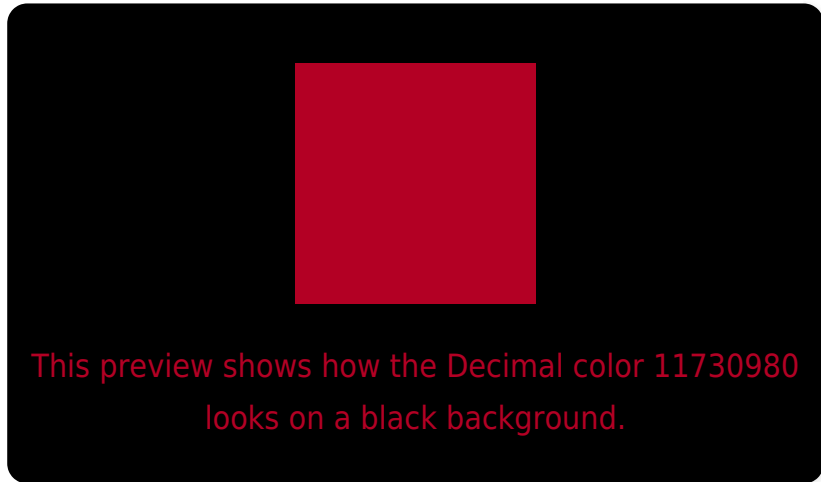
Large Text (above 18pt) WCAG AA ✓ Pass

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 11730980 Background



This preview shows how black text looks on a background with the Decimal color 11730980.

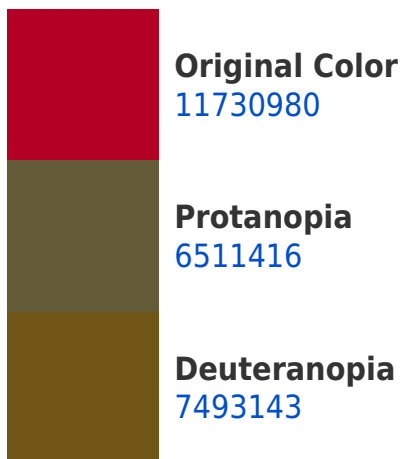


This preview shows how white text looks on a background with the Decimal color 11730980.

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





Tritanopia
11735040

Trichromacy



Original Color
11730980

Protanomaly
8403505

Deuteranomaly
9058076

Tritanomaly
11733517

Monochromacy



Original Color
11730980

Achromatopsia
3815994

Achromatomaly
6694194

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11730980 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 #B30024 looks like.

```
.text, #text, p{  
  color:#B30024  
}
```

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 #B30024 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B30024
}
```

Border

The CSS property to change the border of an element to Decimal 11730980 is called "border". The border property can be set on classes, ids or directly on the HTML element.

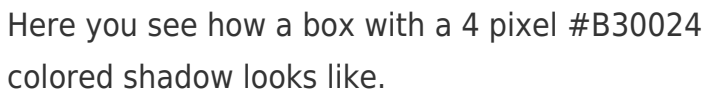
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B30024 }
```

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

```
.border{ border-color:#B30024 }
```

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



Here you see how a box with a 4 pixel #B30024 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B30024; -webkit-box-shadow:4px 4px  
4px 4px #B30024; box-shadow:4px 4px 4px  
4px #B30024 }
```

Background

The CSS property to change the background color of an element to Decimal 11730980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B30024 }
```

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

```
.background{ background-color:#B30024 }
```

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