

Converting Colors

Decimal(7607830)

Have a look what the booklet for
Decimal(7607830) contains.

Decimal(7607830)	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(7607830)

Conversions

Conversions Part 1

Format	Color
Hex	741616
RGB	116, 22, 22
RGB Percent	45%, 9%, 9%
CMY	0.5451, 0.9137, 0.9137
CMYK	0.00, 0.81, 0.81, 0.55
HSL	0°, 68%, 27%
HSV	0°, 81%, 45%
XYZ	7.6342, 4.3448, 1.1953
YIQ	50.1060, 56.0240, 19.9280

Conversions

Conversions Part 2

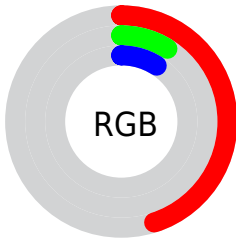
Format	Color
R_{YB}	116, 22, 22
Decimal	7607830
CIE _{Lab}	24.78, 39.95, 25.86
CIE _{LCh}	25, 47.594, 32.912
Yxy	4.3448, 0.5795, 0.3298
Android (android.graphics.Color)	4285797910 (0xFF741616)
YUV	50.1060, -13.8563, 57.7890
Hunter-Lab	20.8441, 28.8989, 11.1908

Details

The Decimal color **7607830** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **1471604**, and the grayscale version is **3289650**.

A 20% lighter version of the original color is **11422529**, and **3932160** is the 20% darker color. If you saturate the color by 10%, you get **7604746**, and if you desaturate by 10%, it is **7610914**.

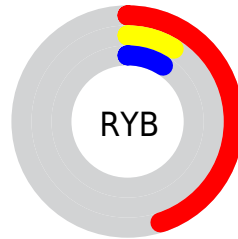
Distribution



Red (45%)

Green (9%)

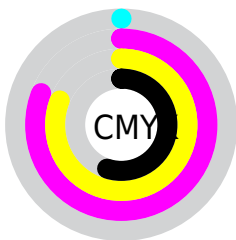
Blue (9%)



Red (45%)

Yellow (9%)

Blue (9%)

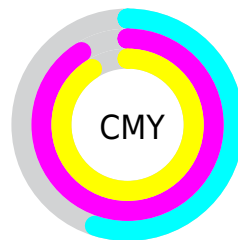


Cyan (0%)

Magenta (81%)

Yellow (81%)

Black (55%)



Cyan (55%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7607830 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 7607830 by changing the saturation by 10% instead.

 7607830

 7607830

 16777209

 5767168

 11422529

 3932160

 13395033

 2031617

 15368049

 0

 16750987

 16758181

 16765376

 16772828

 7607830

 7607830

■ 7604746

■ 7610914

■ 7602176

■ 7613741

■ 7616825

■ 7619652

■ 7622736

■ 7625820

■ 7628647

■ 7631731

■ 7634558

Harmonies

Analogous

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



7865401



7607830



6433792

Triad

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



7607830



18455



16260

Complementary

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



7607830



1471604

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.



18299



7607830



19005

Square

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



7607830



2179840



19041



3878776

Rectangle

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



7607830



5256704



19041



17027

Sweetspot

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



7607830



9859698



7607924



5060150



13421772



5066061

Same Dimension

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



7607830



9831685



7619862



3880245



7995392



16384000

Inverse Universe

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



1471604



366230



1459572



3488571



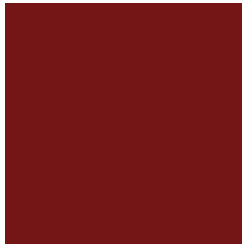
31354



64250

Previews

White Background



This preview shows how the Decimal color 7607830 looks on a white background.

Color Contrast Check

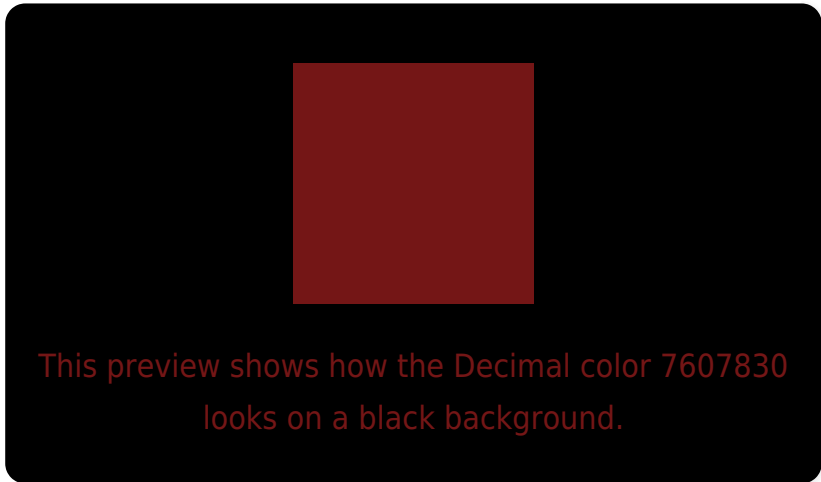
Large Text (above 18pt) WCAG AA ✓ Pass

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 7607830 Background



This preview shows how black text looks on a background with the Decimal color 7607830.

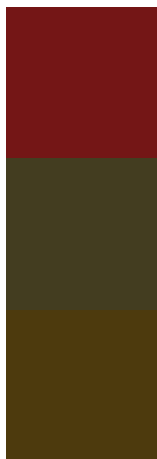


This preview shows how white text looks on a background with the Decimal color 7607830.

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
7607830

Protanopia
4406560

Deuteranopia
5061133

Trichromacy



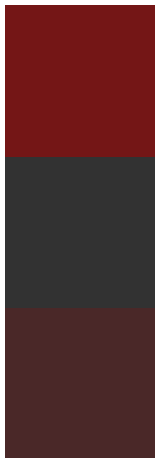
Original Color
7607830

Protanomaly
5582620

Deuteranomaly
5975312

Tritanomaly
7607830

Monochromacy



Original Color
7607830

Achromatopsia
3289650

Achromatomaly
4859944

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7607830 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 #741616 looks like.

```
.text, #text, p{  
    color:#741616  
}
```

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 #741616 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #741616
}
```

Border

The CSS property to change the border of an element to Decimal 7607830 is called "border". The border property can be set on classes, ids or directly on the HTML element.

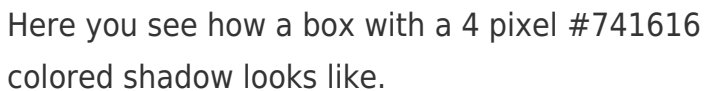
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#741616 }
```

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

```
.border{ border-color:#741616 }
```

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



Here you see how a box with a 4 pixel #741616 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #741616; -webkit-box-shadow:4px 4px  
4px 4px #741616; box-shadow:4px 4px 4px  
4px #741616 }
```

Background

The CSS property to change the background color of an element to Decimal 7607830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#741616 }
```

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

```
.background{ background-color:#741616 }
```

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