

Converting Colors

Decimal(7672849)

Have a look what the booklet for
Decimal(7672849) contains.

Decimal(7672849)	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(7672849)

Conversions

Conversions Part 1

Format	Color
Hex	751411
RGB	117, 20, 17
RGB Percent	46%, 8%, 7%
CMY	0.5412, 0.9216, 0.9333
CMYK	0.00, 0.83, 0.85, 0.54
HSL	2°, 75%, 26%
HSV	2°, 85%, 46%
XYZ	7.6875, 4.3227, 0.9595
YIQ	48.6610, 58.7750, 19.6310

Conversions

Conversions Part 2

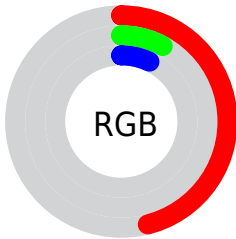
Format	Color
R_{YB}	117, 20, 17
Decimal	7672849
CIE Lab	24.71, 40.75, 28.88
CIE LCh	25, 49.949, 35.324
Yxy	4.3227, 0.5927, 0.3333
Android (android.graphics.Color)	4285862929 (0xFF751411)
YUV	48.6610, -15.6089, 59.9333
Hunter-Lab	20.7911, 29.6155, 11.8175

Details

The Decimal color **7672849** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **1143413**, and the grayscale version is **3223857**.

A 20% lighter version of the original color is **11553340**, and **3997696** is the 20% darker color. If you saturate the color by 10%, you get **7670021**, and if you desaturate by 10%, it is **7675677**.

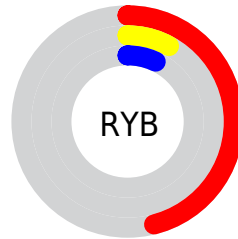
Distribution



Red (46%)

Green (8%)

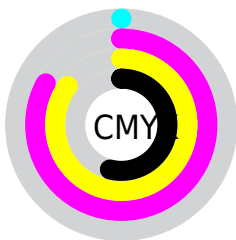
Blue (7%)



Red (46%)

Yellow (8%)

Blue (7%)

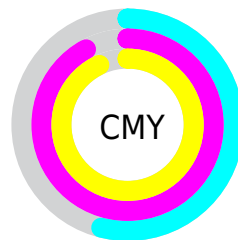


Cyan (0%)

Magenta (83%)

Yellow (85%)

Black (54%)



Cyan (54%)

Magenta (92%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7672849 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 7672849 by changing the saturation by 10% instead.

 7672849

 7672849

 16777203

 5832704

 11553340

 3997696

 13460307

 2097153

 15498860

 0

 16750725

 16757919

 16765114

 16772566

 7672849

 7672849

■ 7670021

■ 7675677

■ 7668736

■ 7678760

■ 7681588

■ 7684416

■ 7687499

■ 7690327

■ 7693155

■ 7696239

■ 7699066

Harmonies

Analogous

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



7995446



7672849



6368256

Triad

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



7672849



18456



16007

Complementary

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



7672849



1143413

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.



18304



7672849



19009

Square

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



7672849



1721344



19046



4205945

Rectangle

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



7672849



5125888



19046



17031

Sweetspot

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



7672849



10056305



7672179



5059893



13421772



5066061

Same Dimension

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



7672849



10028288



7685393



3880245



7996416



16385792

Inverse Universe

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



1143413



38041



1130869



3488315



30586



62202

Previews

White Background



This preview shows how the Decimal color 7672849 looks on a white background.

Color Contrast Check

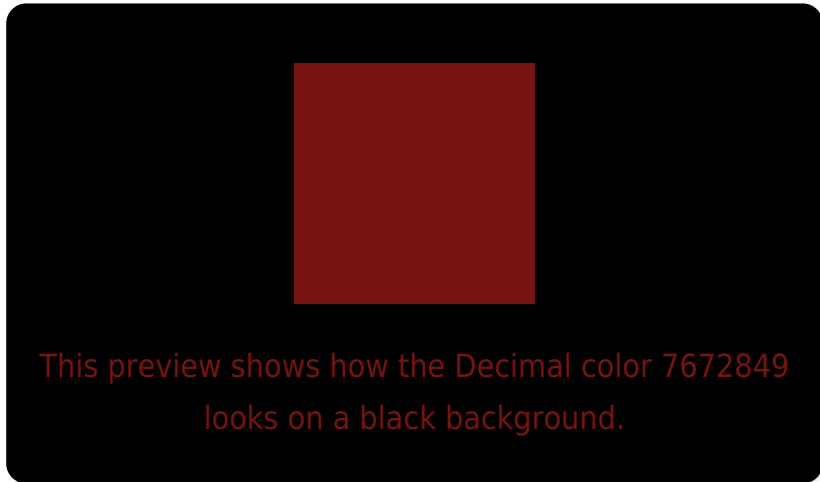
Large Text (above 18pt) WCAG AA ✓ Pass

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 7672849 Background



This preview shows how black text looks on a background with the Decimal color 7672849.



This preview shows how white text looks on a background with the Decimal color 7672849.

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

7672849

Protanopia

4472091

Deuteranopia

5061120

Trichromacy



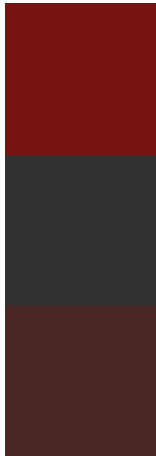
Original Color
7672849

Protanomaly
5647895

Deuteranomaly
6040582

Tritanomaly
7672850

Monochromacy



Original Color
7672849

Achromatopsia
3223857

Achromatomaly
4859429

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7672849 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 #751411 looks like.

```
.text, #text, p{  
  color:#751411  
}
```

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 #751411 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #751411
}
```

Border

The CSS property to change the border of an element to Decimal 7672849 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
#751411 }
```

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

```
.border{ border-color:#751411 }
```

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

Here you see how a box with a 4 pixel #751411 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #751411; -webkit-box-shadow:4px 4px  
4px 4px #751411; box-shadow:4px 4px 4px  
4px #751411 }
```

Background

The CSS property to change the background color of an element to Decimal 7672849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#751411 }
```

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

```
.background{ background-color:#751411 }
```

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