

# Converting Colors

Decimal(8603676)

Have a look what the booklet for  
Decimal(8603676) contains.

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**Color**

**Decimal(8603676)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	83481C
RGB	131, 72, 28
RGB Percent	51%, 28%, 11%
CMY	0.4863, 0.7176, 0.8902
CMYK	0.00, 0.45, 0.79, 0.49
HSL	26°, 65%, 31%
HSV	26°, 79%, 51%
XYZ	11.8870, 9.5439, 2.3142
YIQ	84.6250, 49.2880, -1.1760

# Conversions

## Conversions Part 2

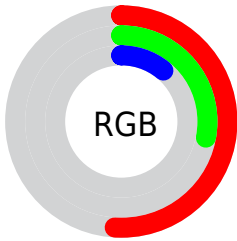
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 105, 28
Decimal	8603676
CIELab	37.01, 21.55, 36.00
CIELCh	37, 41.954, 59.096
Yxy	9.5439, 0.5006, 0.4019
Android (android.graphics.Color)	4286793756 (0xFF83481C)
YUV	84.6250, -27.9161, 40.6709
Hunter-Lab	30.8931, 14.6201, 17.1837

# Details

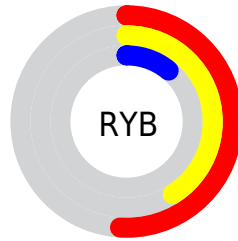
The Decimal color **8603676** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1857411**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **12351819**, and **4987648** is the 20% darker color. If you saturate the color by 10%, you get **8601615**, and if you desaturate by 10%, it is **8605737**.

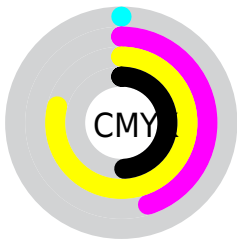
# Distribution



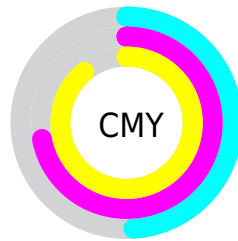
- Red (51%)
- Green (28%)
- Blue (11%)



- Red (51%)
- Yellow (41%)
- Blue (11%)



- Cyan (0%)
- Magenta (45%)
- Yellow (79%)
- Black (49%)



- Cyan (49%)
- Magenta (72%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8603676 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 8603676 by changing the saturation by 10% instead.





8603676



8603676

16777215



6762756



12351819



4987648



14324579



3278080



16297597



1310720



16763287



0



16770738



16777165



16777194



8603676



8603676

■ 8601615

■ 8605737

■ 8599810

■ 8607542

■ 8599552

■ 8609603

■ 8611408

■ 8613470

■ 8615275

■ 8617336

■ 8619141

■ 8621202

# Harmonies

## Analogous

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



9583416



8603676



6903050

# Triad

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



8603676



26453



5590930

# Complementary

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



8603676



1857411

# 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.



23451



8603676



26487

# Square

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



8603676



1205299



25489



8339578

# Rectangle

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



8603676



5528591



25489



4215703



# Sweetspot

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



8603676



11244418



8592472



5720126



14079702



5723991



# Same Dimension

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



8603676



11226890



8616476



4341564



8534016



196864



# Inverse Universe

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



1857411



681643



1844611



3948354



19074



259



# Previews

## White Background



This preview shows how the Decimal color 8603676 looks on a white background.

## Color Contrast Check

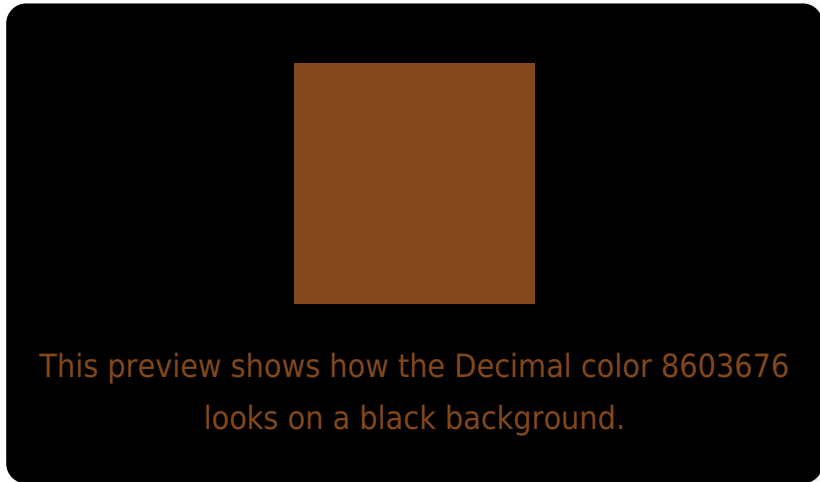
Large Text (above 18pt) WCAG AA ✓ Pass

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 8603676 Background



This preview shows how black text looks on a background with the Decimal color 8603676.



This preview shows how white text looks on a background with the Decimal color 8603676.

# 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**  
8603676

**Protanopia**  
6445088

**Deuteranopia**  
7230232



**Tritanopia**  
8733768

# Trichromacy



**Original Color**

8603676

**Protanomaly**

7229983

**Deuteranomaly**

7753497

**Tritanomaly**

8668472

# Monochromacy



**Original Color**

8603676

**Achromatopsia**

5592405

**Achromatomaly**

6705216

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8603676 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 #83481C looks like.

```
.text, #text, p{  
  color:#83481C  
}
```

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 #83481C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83481C
}
```

## Border

The CSS property to change the border of an element to Decimal 8603676 is called "border". The border property can be set on classes, ids or directly on the HTML element.

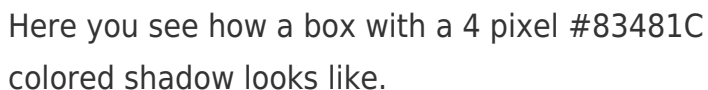
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83481C }
```

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

```
.border{ border-color:#83481C }
```

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



Here you see how a box with a 4 pixel #83481C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83481C; -webkit-box-shadow:4px 4px  
4px 4px #83481C; box-shadow:4px 4px 4px  
4px #83481C }
```

# Background

The CSS property to change the background color of an element to Decimal 8603676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83481C }
```

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

```
.background{ background-color:#83481C }
```

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](#).



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