

# Converting Colors

Decimal(8608018)

Have a look what the booklet for  
Decimal(8608018) contains.

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**Color**

**Decimal(8608018)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	835912
RGB	131, 89, 18
RGB Percent	51%, 35%, 7%
CMY	0.4863, 0.6510, 0.9294
CMYK	0.00, 0.32, 0.86, 0.49
HSL	38°, 76%, 29%
HSV	38°, 86%, 51%
XYZ	13.0416, 12.0137, 2.2038
YIQ	93.4640, 47.8230, -13.1770

# Conversions

## Conversions Part 2

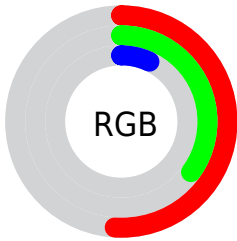
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 131, 18
Decimal	8608018
CIELab	41.24, 11.17, 44.18
CIELCh	41, 45.573, 75.806
Yxy	12.0137, 0.4784, 0.4407
Android (android.graphics.Color)	4286798098 (0xFF835912)
YUV	93.4640, -37.2038, 32.9191
Hunter-Lab	34.6608, 6.5068, 20.4928

# Details

The Decimal color **8608018** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **1195139**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **12356420**, and **5057536** is the 20% darker color. If you saturate the color by 10%, you get **8606725**, and if you desaturate by 10%, it is **8609311**.

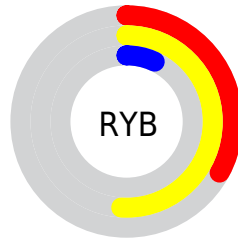
# Distribution



Red (51%)

Green (35%)

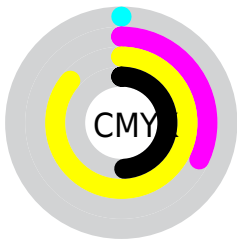
Blue (7%)



Red (33%)

Yellow (51%)

Blue (7%)

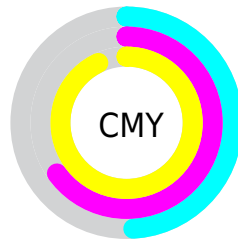


Cyan (0%)

Magenta (32%)

Yellow (86%)

Black (49%)



Cyan (49%)

Magenta (65%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8608018 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 8608018 by changing the saturation by 10% instead.





8608018



8608018

16777215



6767104



12356420



5057536



14263645



3282688



16236663



1769472



16768145



0



16775596



16777160



16777189



8608018



8608018

■ 8606725

■ 8609311

■ 8606208

■ 8610604

■ 8611897

■ 8612934

■ 8614227

■ 8615521

■ 8616814

■ 8618107

■ 8619400

# Harmonies

## Analogous

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



10177069



8608018



6448655

# Triad

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



8608018



29557



8146838

# Complementary

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



8608018



1195139

# 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.



4087722



8608018



29078

# Square

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



8608018



29262



27306



10240117

# Rectangle

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



8608018



4614943



27306



7099550



# Sweetspot

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



8608018



11246206



8589885



5721404



14079702



5723991



# Same Dimension

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



8608018



11234048



7766802



4341820



8540672



197120



# Inverse Universe

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



1195139



16555



2036355



3948098



12418

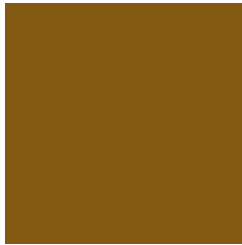


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# Previews

## White Background



This preview shows how the Decimal color 8608018 looks on a white background.

## Color Contrast Check

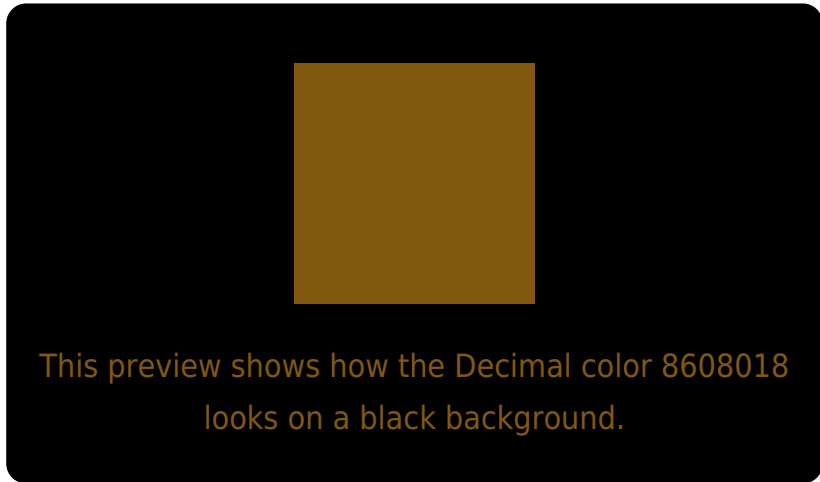
Large Text (above 18pt) WCAG AA ✓ Pass

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 8608018 Background



This preview shows how black text looks on a background with the Decimal color 8608018.



This preview shows how white text looks on a background with the Decimal color 8608018.

# 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**  
8608018

**Protanopia**  
7234068

**Deuteranopia**  
8084752



**Tritanopia**  
8868697

# Trichromacy



**Original Color**  
8608018

**Protanomaly**  
7757587

**Deuteranomaly**  
8281105

**Tritanomaly**  
8803647

# Monochromacy



**Original Color**  
8608018

**Achromatopsia**  
6118749

**Achromatomaly**  
7035970

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8608018 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 #835912 looks like.

```
.text, #text, p{  
  color:#835912  
}
```

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 #835912 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #835912
}
```

## Border

The CSS property to change the border of an element to Decimal 8608018 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
#835912 }
```

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

```
.border{ border-color:#835912 }
```

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

Here you see how a box with a 4 pixel #835912 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #835912; -webkit-box-shadow:4px 4px  
4px 4px #835912; box-shadow:4px 4px 4px  
4px #835912 }
```

# Background

The CSS property to change the background color of an element to Decimal 8608018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#835912 }
```

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

```
.background{ background-color:#835912 }
```

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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