

# Converting Colors

Decimal(8668672)

Have a look what the booklet for  
Decimal(8668672) contains.

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**Color**

**Decimal(8668672)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	844600
RGB	132, 70, 0
RGB Percent	52%, 27%, 0%
CMY	0.4824, 0.7255, 1.0000
CMYK	0.00, 0.47, 1.00, 0.48
HSL	32°, 100%, 26%
HSV	32°, 100%, 52%
XYZ	11.7059, 9.2859, 1.1754
YIQ	80.5580, 59.4220, -8.6260

# Conversions

## Conversions Part 2

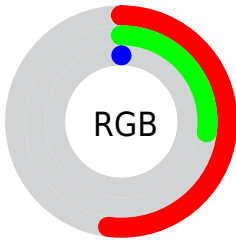
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 132, 0
Decimal	8668672
CIE <sub>Lab</sub>	36.53, 22.35, 46.37
CIE <sub>LCh</sub>	37, 51.471, 64.266
Yxy	9.2859, 0.5281, 0.4189
Android (android.graphics.Color)	4286858752 (0xFF844600)
YUV	80.5580, -39.7151, 45.1146
Hunter-Lab	30.4727, 15.2423, 19.0440

# Details

The Decimal color **8668672** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **16004**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **12482357**, and **4987136** is the 20% darker color. If you saturate the color by 10%, you get **8668672**, and if you desaturate by 10%, it is **8670221**.

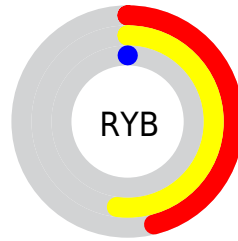
# Distribution



Red (52%)

Green (27%)

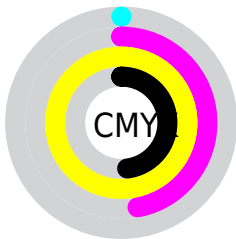
Blue (0%)



Red (46%)

Yellow (52%)

Blue (0%)

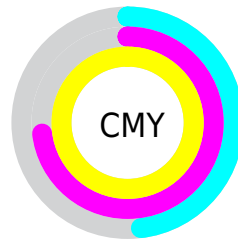


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (48%)



Cyan (48%)

Magenta (73%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8668672 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 8668672 by changing the saturation by 10% instead.



 8668672

 8668672

 16777200

 6827776

 12482357

 4987136

 14455118

 3212032

 16493415

 1179648

 16762753

 0

 16769948


 16777143

 16777171

 8668672

 8670221

 8671770

 8673576

 8675125

 8676674

 8678223

 8679772

 8681578

 8683127

# Harmonies

## Analogous

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



10039850



8668672



6510080

# Triad

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



8668672



26715



6047899

# Complementary

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



8668672



16004

# 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.



22953



8668672



26756

# Square

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



8668672



26160



25505



9122683

# Rectangle

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



8668672



4742656



25505



4345506



# Sweetspot

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



8668672



11244408



8650816



5720119



14079702



5723991



# Same Dimension

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



8668672



11229952



8553472



4341564



8537344



196864



# Inverse Universe

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



16004



20651



131204



3948354



15746

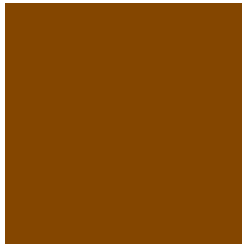


259



# Previews

## White Background



This preview shows how the Decimal color 8668672 looks on a white background.

## Color Contrast Check

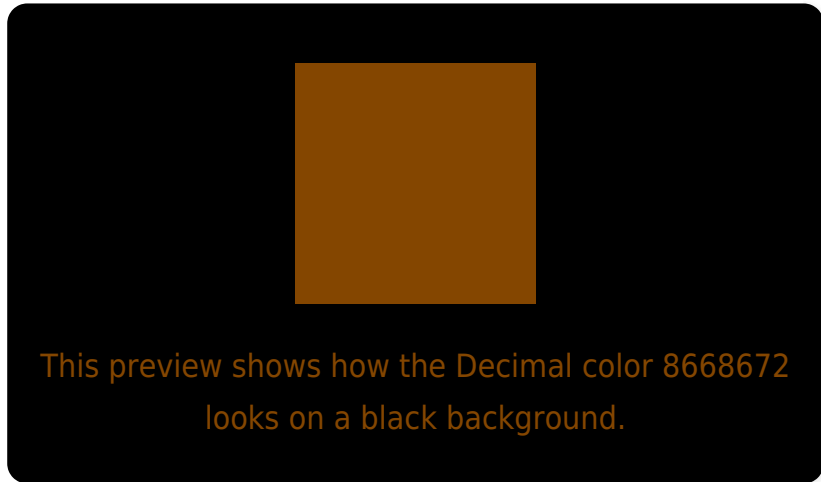
Large Text (above 18pt) WCAG AA ✓ Pass

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 8668672 Background



This preview shows how black text looks on a background with the Decimal color 8668672.



This preview shows how white text looks on a background with the Decimal color 8668672.

# 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**

8668672

**Protanopia**

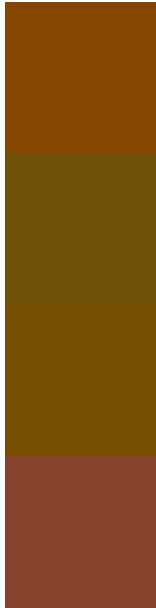
6444811

**Deuteranopia**

7229952



# Trichromacy



**Original Color**  
8668672

**Protanomaly**  
7229703

**Deuteranomaly**  
7753216

**Tritanomaly**  
8733485

# Monochromacy



**Original Color**  
8668672

**Achromatopsia**  
5329233

**Achromatomaly**  
6573364

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8668672 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 #844600 looks like.

```
.text, #text, p{  
    color:#844600  
}
```

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 #844600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #844600
}
```

## Border

The CSS property to change the border of an element to Decimal 8668672 is called "border". The border property can be set on classes, ids or directly on the HTML element.

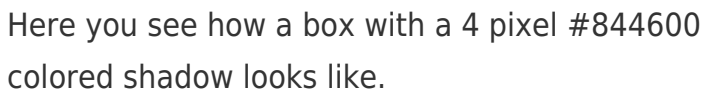
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#844600 }
```

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

```
.border{ border-color:#844600 }
```

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



Here you see how a box with a 4 pixel #844600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #844600; -webkit-box-shadow:4px 4px  
4px 4px #844600; box-shadow:4px 4px 4px  
4px #844600 }
```

# Background

The CSS property to change the background color of an element to Decimal 8668672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#844600 }
```

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

```
.background{ background-color:#844600 }
```

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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