

# Converting Colors

Decimal(8616016)

Have a look what the booklet for  
Decimal(8616016) contains.

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**Color**

**Decimal(8616016)**

# Conversions

## Conversions Part 1

Format	Color
Hex	837850
RGB	131, 120, 80
RGB Percent	51%, 47%, 31%
CMY	0.4863, 0.5294, 0.6863
CMYK	0.00, 0.08, 0.39, 0.49
HSL	47°, 24%, 41%
HSV	47°, 39%, 51%
XYZ	17.5245, 18.8374, 10.3018
YIQ	118.7290, 19.3960, -10.1080

# Conversions

## Conversions Part 2

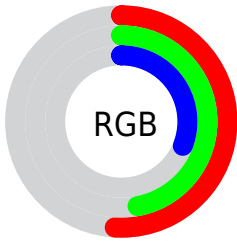
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 131, 80
Decimal	8616016
CIELab	50.50, -2.04, 23.52
CIElCh	50, 23.604, 94.962
Yxy	18.8374, 0.3755, 0.4037
Android (android.graphics.Color)	4286806096 (0xFF837850)
YUV	118.7290, -19.0934, 10.7617
Hunter-Lab	43.4021, -3.8805, 16.3086

# Details

The Decimal color **8616016** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5266307**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **12168322**, and **5261346** is the 20% darker color. If you saturate the color by 10%, you get **8615235**, and if you desaturate by 10%, it is **8616797**.

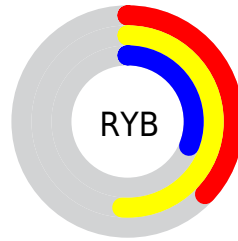
# Distribution



Red (51%)

Green (47%)

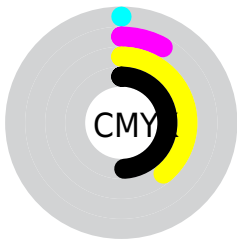
Blue (31%)



Red (37%)

Yellow (51%)

Blue (31%)

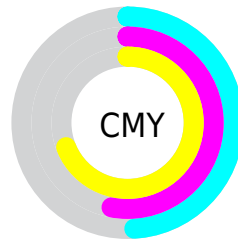


Cyan (0%)

Magenta (8%)

Yellow (39%)

Black (49%)



Cyan (49%)

Magenta (53%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8616016 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 8616016 by changing the saturation by 10% instead.





8616016



8616016

16777215



6905657



12168322



5261346



14010268



3748109



15852471



2301184



16777171



768



16777199



0



8616016



8616016



8615235



8616797



8614454



8617578

■ 8613929

■ 8618103

■ 8613148

■ 8618884

■ 8612367

■ 8619666

■ 8611585

■ 8620447

■ 8611584

■ 8621228

■ 8622009

■ 8622534

# Harmonies

## Analogous

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



9793876



8616016



7175767

# Triad

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



8616016



3637903



9792650

# Complementary

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



8616016



5266307

# 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.



8352409



8616016



4620188

# Square

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



8616016



4227963



6519200



10447222

# Rectangle

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



8616016



6193505



6519200



9399696



# Sweetspot

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



8616016



11249302



8605787



5723211



14079702



5723991



# Same Dimension

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



8616016



11246171



7701328



4342076



8545792



197120



# Inverse Universe

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



5266307



5991595



6180995



3947842



7298



259



# Previews

## White Background



This preview shows how the Decimal color 8616016 looks on a white background.

## Color Contrast Check

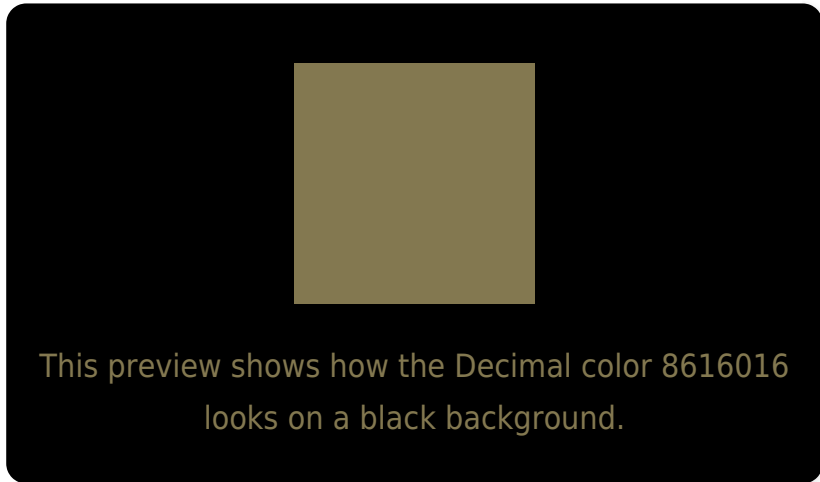
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

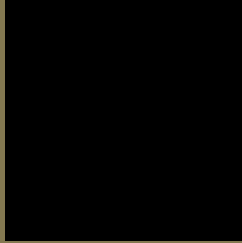
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8616016 Background



This preview shows how black text looks on a background with the Decimal color 8616016.



This preview shows how white text looks on a background with the Decimal color 8616016.

# 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**  
8616016

**Protanopia**  
8550480

**Deuteranopia**  
9466705



**Tritanopia**  
8942459

# Trichromacy



**Original Color**  
8616016

**Protanomaly**  
8550480

**Deuteranomaly**  
9139537

**Tritanomaly**  
8811883

# Monochromacy



**Original Color**  
8616016

**Achromatopsia**  
7829367

**Achromatomaly**  
8091497

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8616016 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 #837850 looks like.

```
.text, #text, p{  
  color:#837850  
}
```

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 #837850 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837850
}
```

## Border

The CSS property to change the border of an element to Decimal 8616016 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
#837850 }
```

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

```
.border{ border-color:#837850 }
```

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

Here you see how a box with a 4 pixel #837850 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837850; -webkit-box-shadow:4px 4px  
4px 4px #837850; box-shadow:4px 4px 4px  
4px #837850 }
```

# Background

The CSS property to change the background color of an element to Decimal 8616016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837850 }
```

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

```
.background{ background-color:#837850 }
```

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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