

# Converting Colors

Decimal(8876828)

Have a look what the booklet for  
Decimal(8876828) contains.

<b>Decimal(8876828)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(8876828)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87731C
RGB	135, 115, 28
RGB Percent	53%, 45%, 11%
CMY	0.4706, 0.5490, 0.8902
CMYK	0.00, 0.15, 0.79, 0.47
HSL	49°, 66%, 32%
HSV	49°, 79%, 53%
XYZ	16.3320, 17.4962, 3.6149
YIQ	111.0620, 39.8470, -22.8170

# Conversions

## Conversions Part 2

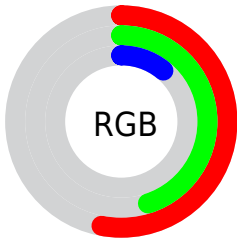
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 135, 28
Decimal	8876828
CIE <sub>Lab</sub>	48.88, -1.68, 47.58
CIE <sub>LCh</sub>	49, 47.610, 92.020
Yxy	17.4962, 0.4362, 0.4673
Android (android.graphics.Color)	4287066908 (0xFF87731C)
YUV	111.0620, -40.9496, 20.9936
Hunter-Lab	41.8285, -3.5041, 24.1559

# Details

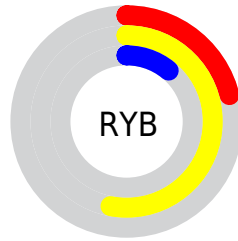
The Decimal color **8876828** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1847431**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **12560207**, and **5391104** is the 20% darker color. If you saturate the color by 10%, you get **8876046**, and if you desaturate by 10%, it is **8877609**.

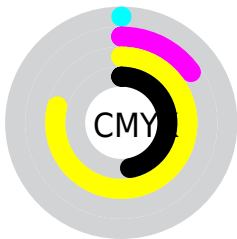
# Distribution



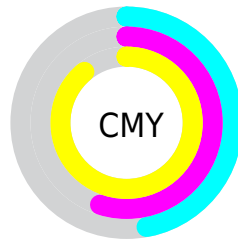
- Red (53%)
- Green (45%)
- Blue (11%)



- Red (21%)
- Yellow (53%)
- Blue (11%)



- Cyan (0%)
- Magenta (15%)
- Yellow (79%)
- Black (47%)



- Cyan (47%)
- Magenta (55%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8876828 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 8876828 by changing the saturation by 10% instead.





8876828



8876828

16777215



7101184



12560207



5391104



14467689



3681792



16440707



2038016



16775838



0



16777146



16777174



16777203



8876828



8876828

■ 8876046

■ 8877609

■ 8875521

■ 8878135

■ 8875520

■ 8878916

■ 8879442

■ 8880223

■ 8880749

■ 8881530

■ 8882056

■ 8882838

# Harmonies

## Analogous

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



10970156



8876828



6192683

# Triad

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



8876828



34718



10967195

# Complementary

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



8876828



1847431

# 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.



7956665



8876828



33467

# Square

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



8876828



34934



1013957



12341107

# Rectangle

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



8876828



3834688



1013957



10182054



# Sweetspot

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



8876828



11577478



8854577



5854271



14277081



5855577



# Same Dimension

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



8876828



11571465



6784796



4342076



8546816



197120



# Inverse Universe

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



1847431



600240



3939463



3947842



6274

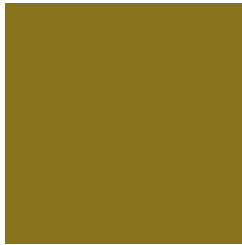


3



# Previews

## White Background



This preview shows how the Decimal color 8876828 looks on a white background.

## Color Contrast Check

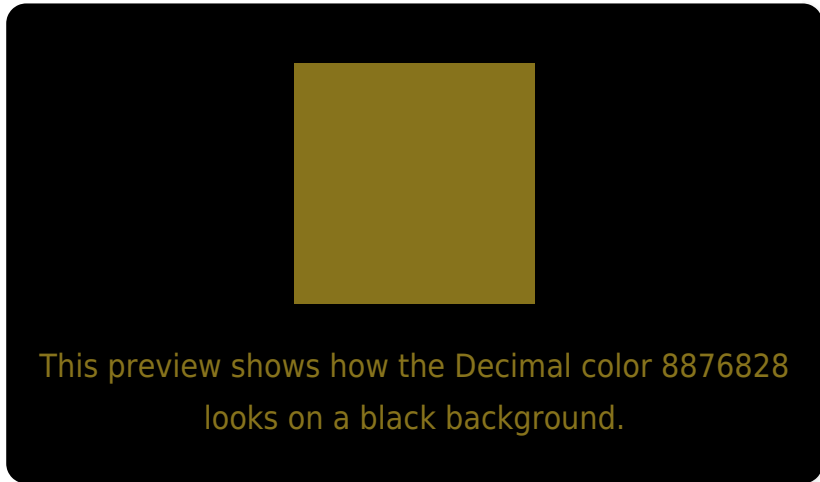
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 8876828 Background



This preview shows how black text looks on a background with the Decimal color 8876828.



This preview shows how white text looks on a background with the Decimal color 8876828.

# 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**  
8876828

**Protanopia**  
8615196

**Deuteranopia**  
9596446



**Tritanopia**  
9268083

# Trichromacy



**Original Color**  
8876828

**Protanomaly**  
8680476

**Deuteranomaly**  
9334813

**Tritanomaly**  
9137747

# Monochromacy



**Original Color**  
8876828

**Achromatopsia**  
7303023

**Achromatomaly**  
7893073

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8876828 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 #87731C looks like.

```
.text, #text, p{  
    color:#87731C  
}
```

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 #87731C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87731C
}
```

## Border

The CSS property to change the border of an element to Decimal 8876828 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
#87731C }
```

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

```
.border{ border-color:#87731C }
```

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

Here you see how a box with a 4 pixel #87731C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87731C; -webkit-box-shadow:4px 4px  
4px 4px #87731C; box-shadow:4px 4px 4px  
4px #87731C }
```

# Background

The CSS property to change the background color of an element to Decimal 8876828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87731C }
```

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

```
.background{ background-color:#87731C }
```

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