

Converting Colors

Decimal(8864830)

Have a look what the booklet for
Decimal(8864830) contains.

Decimal(8864830)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(8864830)

Conversions

Conversions Part 1

Format	Color
Hex	87443E
RGB	135, 68, 62
RGB Percent	53%, 27%, 24%
CMY	0.4706, 0.7333, 0.7569
CMYK	0.00, 0.50, 0.54, 0.47
HSL	5°, 37%, 39%
HSV	5°, 54%, 53%
XYZ	12.9283, 9.6329, 5.7354
YIQ	87.3490, 41.8580, 12.3380

Conversions

Conversions Part 2

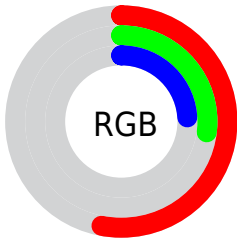
Format	Color
R_{YB}	135, 69, 62
Decimal	8864830
CIE Lab	37.18, 27.94, 16.71
CIE LCh	37, 32.553, 30.886
Yxy	9.6329, 0.4569, 0.3404
Android (android.graphics.Color)	4287054910 (0xFF87443E)
YUV	87.3490, -12.4971, 41.7899
Hunter-Lab	31.0370, 20.0386, 10.7696

Details

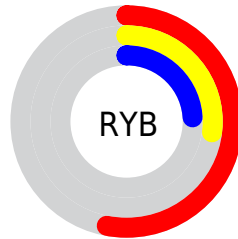
The Decimal color **8864830** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4096391**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **12547694**, and **5313812** is the 20% darker color. If you saturate the color by 10%, you get **8861745**, and if you desaturate by 10%, it is **8867916**.

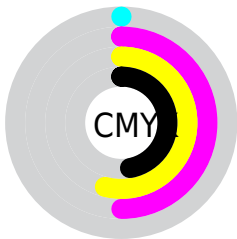
Distribution



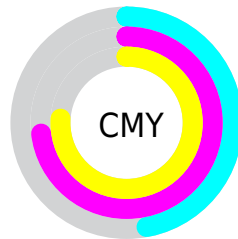
- Red (53%)
- Green (27%)
- Blue (24%)



- Red (53%)
- Yellow (27%)
- Blue (24%)



- Cyan (0%)
- Magenta (50%)
- Yellow (54%)
- Black (47%)



- Cyan (47%)
- Magenta (73%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8864830 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 8864830 by changing the saturation by 10% instead.

8864830

8864830

16777215

7089192

12547694

5313812

14454919

3670016

16427937

1900545

16762556

0

16769752

16777204

8864830

8864830

8861745

8867916

■ 8858403

■ 8871257

■ 8855317

■ 8874343

■ 8851976

■ 8877684

■ 8850176

■ 8880770

■ 8883855

■ 8887196

■ 8890282

■ 8893624

Harmonies

Analogous

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



8864088



8864830



8080682

Triad

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



8864830



2712381



2579084

Complementary

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



8864830



4096391

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.



24965



8864830



25943

Square

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



8864830



4939304



25714



5918853

Rectangle

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



8864830



7230242



25714



89483

Sweetspot

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



8864830



11572884



8863362



5851720



14277081



5855577

Same Dimension

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



8864830



11552574



8873790



4340796



8522496



196608

Inverse Universe

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



4096391



4106160



4087431



3949122



30594



515

Previews

White Background



This preview shows how the Decimal color 8864830 looks on a white background.

Color Contrast Check

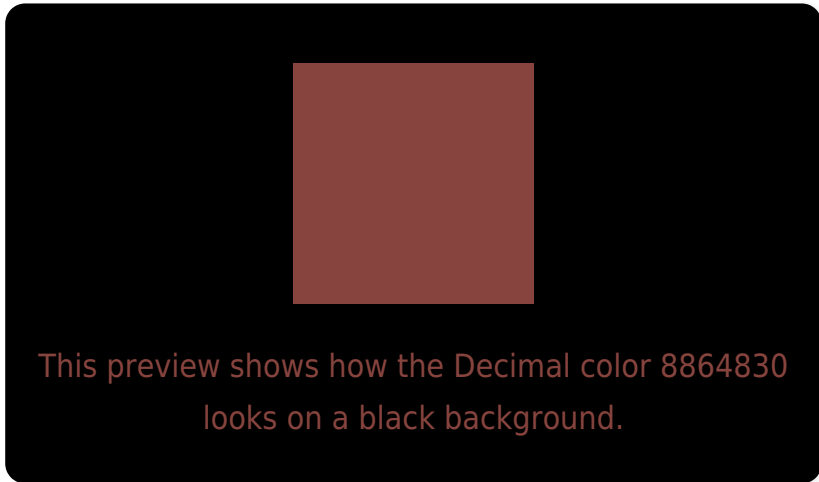
Large Text (above 18pt) WCAG AA ✓ Pass

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

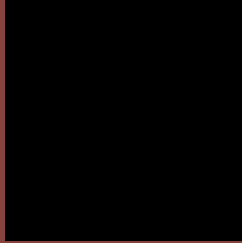
Any Text WCAG AA × Fail

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 8864830 Background



This preview shows how black text looks on a background with the Decimal color 8864830.



This preview shows how white text looks on a background with the Decimal color 8864830.

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
8864830

Protanopia
6117447

Deuteranopia
6968379



Tritanopia
8930119

Trichromacy



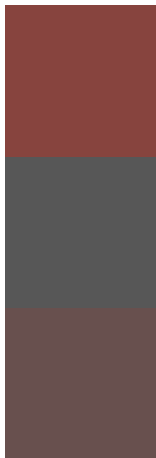
Original Color
8864830

Protanomaly
7098692

Deuteranomaly
7687740

Tritanomaly
8930116

Monochromacy



Original Color
8864830

Achromatopsia
5723991

Achromatomaly
6836302

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8864830 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 #87443E looks like.

```
.text, #text, p{  
    color:#87443E  
}
```

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 #87443E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87443E
}
```

Border

The CSS property to change the border of an element to Decimal 8864830 is called "border". The border property can be set on classes, ids or directly on the HTML element.

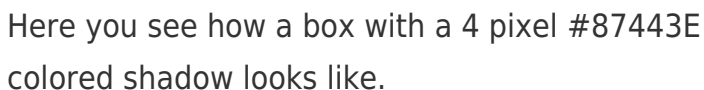
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87443E }
```

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

```
.border{ border-color:#87443E }
```

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



Here you see how a box with a 4 pixel #87443E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87443E; -webkit-box-shadow:4px 4px  
4px 4px #87443E; box-shadow:4px 4px 4px  
4px #87443E }
```

Background

The CSS property to change the background color of an element to Decimal 8864830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87443E }
```

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

```
.background{ background-color:#87443E }
```

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